

The *del Sol* Guide



Compiled by: Kyle Schlagheck
[TSI# 1603 VTEC Sol](#)
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Any comments / suggestions or information not contained in this text you think should be, please
E-Mail to: K_Schlagheck@msn.com

Your feedback is greatly appreciated!

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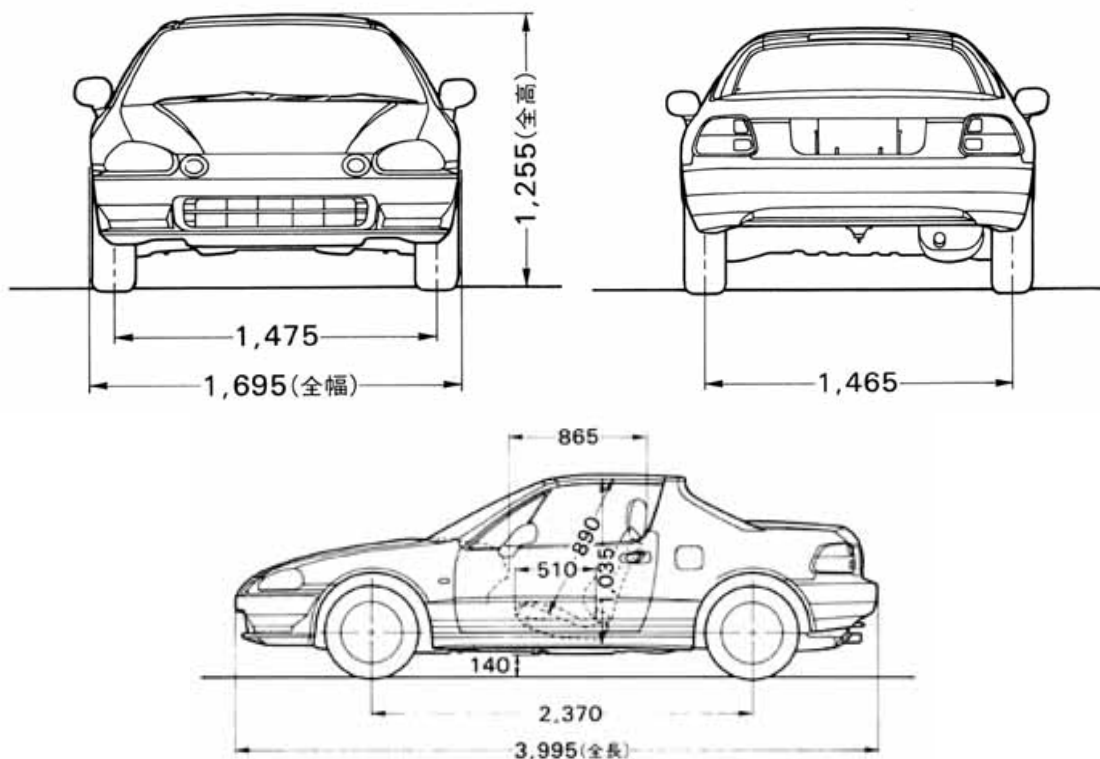
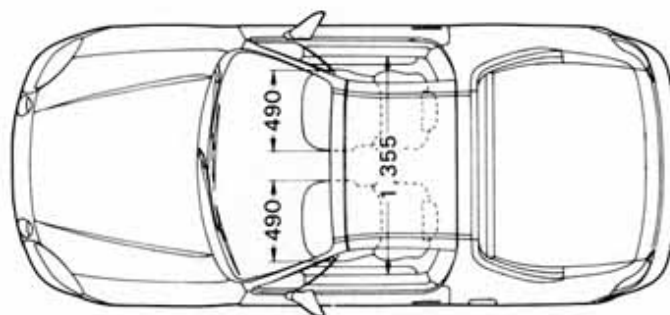
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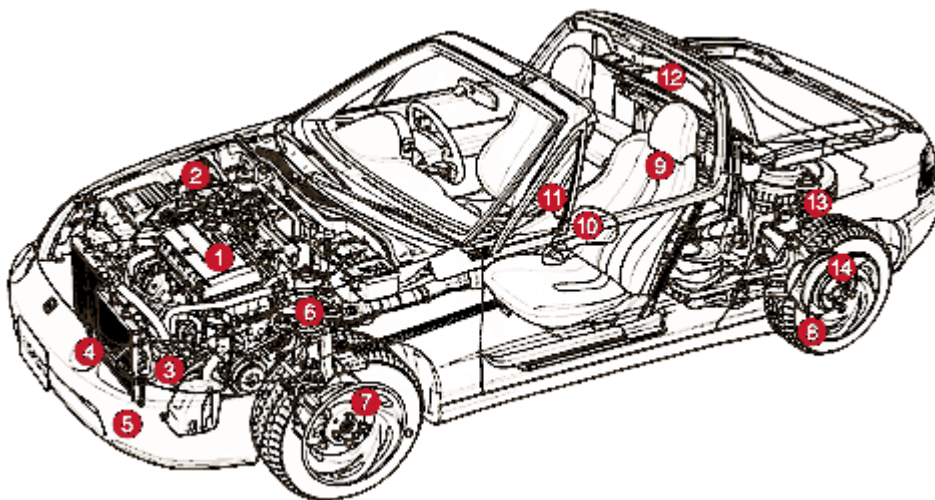
Dimensions

Parameter	Value
Length	157.3"
Width	66.7"
Height	49.4"
Ground Clearance	5.5"
Wheelbase	93.3"
Front/Rear Track	58.1" / 57.7"
Head / Leg Room	37.5" / 40.3"
Shoulder / Hip Room	52.9" / 49.3"
Cargo Volume	10.5 cu.ft. / 8.3 cu.ft. roof stowed
Passenger Volume	47.8 cu.ft.
Fuel Tank Capacity	11.9 gallons, 83 lbs.
Suspension	A-Arm double wishbone
Drag Coefficient	0.378



Mechanical Cut-Away

(JDM SiR model shown with Trans top, 4-speed AT)



- (1) 1.6 liter 170-Horsepower DOHC 16-Valve Engine with Multi-Point Programmed fuel injection (PGM-FI) and Variable Valve Timing (VTEC)
- (2) Front strut tower bar
- (3) One piece turn signal and halogen headlight combo
- (4) Auxiliary light
- (5) Round integral bumper
- (6) Front double Wishbone suspension
- (7) Front large diameter ventilated disk brake
- (8) 195/55R15 83V tire
- (9) Bucket seat

- (10) Body colored power remote control door mirror (door skin mount type)
- (11) Front quarter window
- (12) Power rear window
- (13) Rear double wishbone suspension
- (14) Rear disk brake
 - Automatic 4-speed transmission
 - Trans top (electromotive open roof)
 - Door safety beam
 - LED high mount brake light
 - Power trunk lid

Universal VIN Decoder

JHMEG217*SS000000

Manufacturer. Make and Type of Vehicle _____
 JHM: HONDA MOTOR CO., LTD.
 HONDA Passenger Car

Line, Body and Engine Type _____
 EG1: Civic Del Sol / D15B / D15B7
 EG2: Civic Del Sol / B16A / B16A2 / B16A3
 EH6: Civic Del Sol / D16Y7 / D16Y8 / D16Z6
 EJ4: Civic Del Sol / D16A

Body Type and Transmission Type _____
 1: 2-door Convertible / 5-speed Manual
 2: 2-door Convertible / 4-speed Automatic

Vehicle Grade (Series) _____
 4: S
 6: Si
 7: Si With ABS, VTEC

Check Digit _____

Model Year _____
 N: 1992
 P: 1993
 R: 1994
 S: 1995
 T: 1996
 V: 1997
 W: 1998

Factory Code _____
 S: Suzuka Factory in Japan

Serial Number _____

ECU Guide

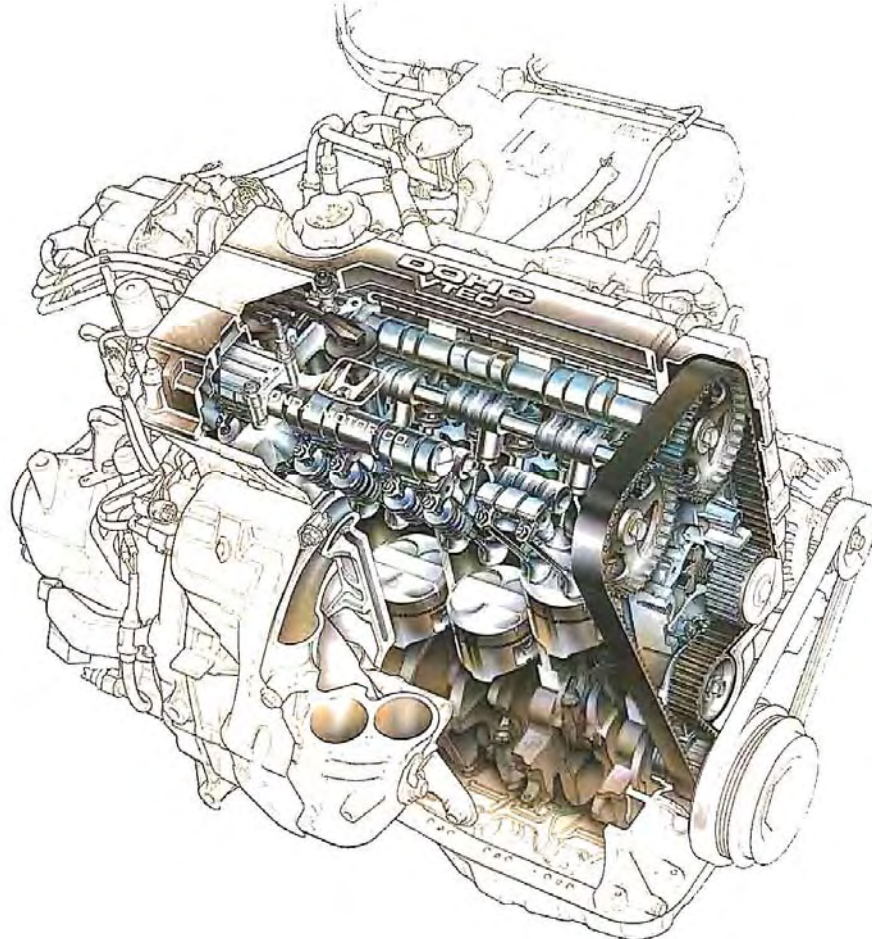
Model / Grade	Origin	ECU	Part Number
S	USDM	P06	37820-P06-A01
VXi	JDM		
Si	USDM	P28	37820-P28-A01
VGi	JDM		
ESi	EDM		
VTEC	USDM	P30	37820-P30-A01
SiR	JDM		
VTi	EDM		

Spark Plug Guide

Model / Grade	Origin	Part Number
S	USDM	ZFR5F-11
VXi	JDM	
Si	USDM	ZFR5J-11
VGi	JDM	
ESi	EDM	
VTEC	USDM	PFR6L-13
SiR	JDM	
VTi	EDM	

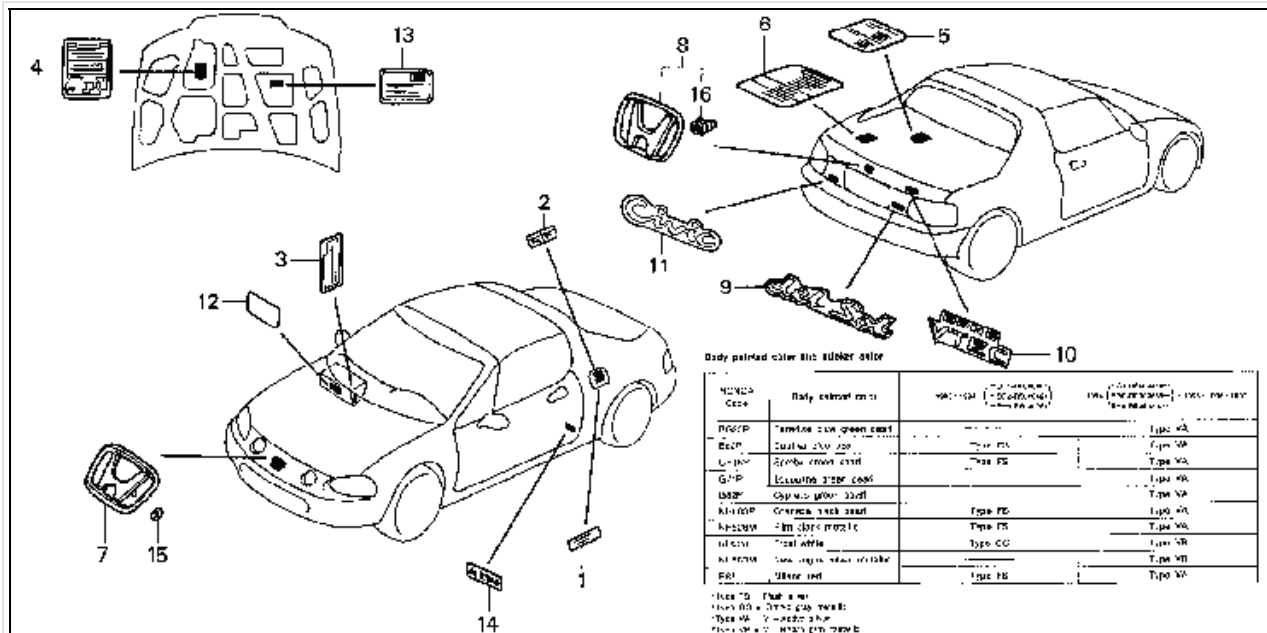
Paint Code Guide

		
Granada Black Pearl NH503P	Milano Red R81	Captiva Blue Pearl B62P
		
Samba Green Pearl GY15P	Paradise Blue-Green Pearl BG33P	Frost White NH538
		
Isle Green Pearl G71P	Vogue Silver Metallic NH550M	Cypress Green Pearl / Lausanne Green Pearl G82P
		
Adriatic Blue Pearl B74P	Harvard Blue Pearl B63P	New Vogue Silver Metallic NH583M
(Not Pictured) Flint Black Metallic NH526M		



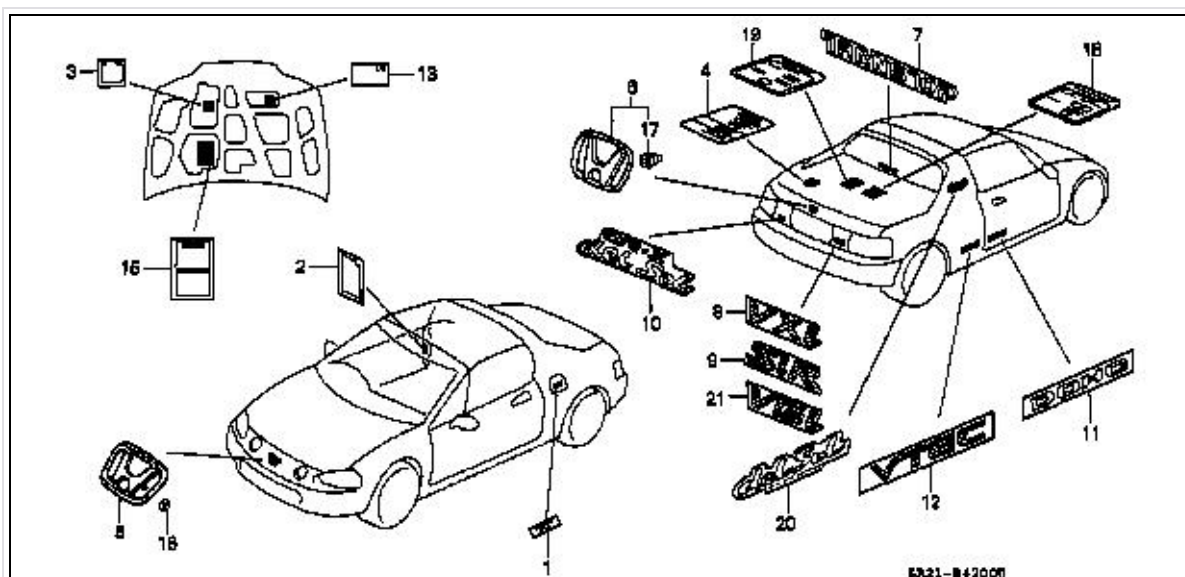
Above: A Cut-away of the B16A3

USDM Decal Guide



#	Decal	Color	Part #
2	Fuel Information	S, Si VTEC Canada	17669-SA0-670 17669-SL0-A00 17671-SM4-A00
3	Specification ABS Caution	S Si VTEC n/a	42762-SR2-A01 42762-SR2-A11 42762-SR2-A22 57079-SR3-A00
5	Roof Holder Caution	n/a	74742-SR2-A50
6	Roof Holder Information	n/a	74748-SR2-A50
7	H	n/a	75700-SR2-000
8	H	n/a	75701-SR4-000
9	Del sol	Gray British Gray Metallic Active Silver	75723-SR2-A02ZF 75723-SR2-A02ZG 75723-SR2-A02Z
10	DOHC VTEC	Gray	75723-SR2-A21ZB
11	Civic	Gray	75765-SR2-A02ZE
12	Glove Box Information	n/a	77870-SM5-A80
13	SRS Information	93' 94' – 97'	77871-SM5-A80 77871-SM4-A70
14	Airbag Information	n/a	77876-SG0-A80
15	4mm nut	n/a	90190-SB2-000
16	clip	n/a	91512-SR3-004

JDM Decal Guide

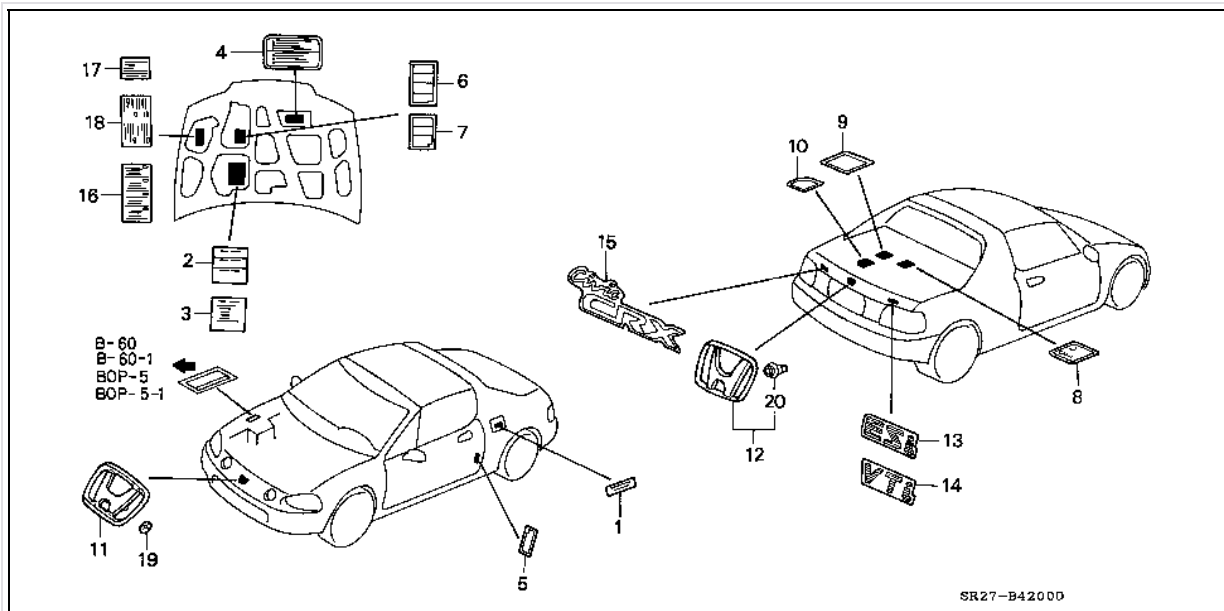


#	Decal	Color	Part #
5	H	n/a	75700-SR2-000
6	H	n/a	75701-SR4-000
7	Transtop	?	?
8	VXi	Gray Silver	75723-SR2-J02ZF 75723-SR2-J02ZE
9	SiR	Silver	75723-SR2-J12ZE
10	CRX del Sol	Gray Silver	75765-SR2-J02ZF 75765-SR2-J02ZE
11	DOHC	Gray Silver	75772-SR2-003ZF 75772-SR2-003ZE
12	VTEC	Gray Silver	75774-SR2-003ZF 75774-SR2-003ZE
16	4mm nut	n/a	90190-SB2-000
17	clip	n/a	91512-SR3-004
20	Two Way Paradise	n/a	75774-SR2-V01ZA
21	VGi	Gray Silver	75723-SR2-J21 ZB 75723-SR2-J21 ZA



EDM Decal Guide

Note: Information label Languages for all of the decals listed are not known. They could be English, French, Dutch, etc.



#	Decal	Color	Part #
1	Fuel Information	n/a	17669-SM4-X00
5	Tire Information	n/a	42760-SR2-B11
8	Roof holder Information	n/a	74742-SR2-F50
10	Roof holder Information	n/a	74748-SR2-F50
11	H	n/a	75700-SR2-000
12	H	n/a	75701-SR4-000
13	ESi	?	?
14	VTi	Gray Silver	75723-SR2-G02ZE 75723-SR2-G02ZF
16	Civic CRX	Gray Silver	75765-SR2-G02ZE 75765-SR2-G02ZF
18	SRS Information	n/a	77875-SP0-G80
19	4mm nut	n/a	90190-SB2-000
20	clip	n/a	91512-SR3-004
n/a	CRX	Lt. Gray Dk. Gray	75765-SR2-Q01ZC 75765-SR2-Q01ZD
n/a	del sol	Gray British Gray Metallic Active Silver	75723-SR2-A02ZF 75723-SR2-A02ZG 75723-SR2-A02Z

Theft Rates (NHTSA)

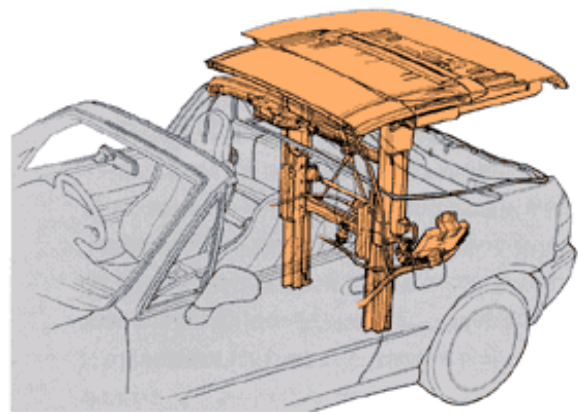
Year	1996	1997
Thefts	11	25
Production	3034	6719
Rate	3.6256	3.7208



Number Sold

Year	USDM Number Sold	JDM Number Sold	EDM Number Sold
1992	n/a	10,626	??
1993	25,748	2,746	??
1994	21,075	1,736	??
1995	14,021	788	??
1996	8,489	350	??
1997	5,603	190	??
1998	n/a	n/a	??
Total	74,936	16,436	??

Trans Top Info



Above Left: A still view of the Transtop in action

Above Right: A mechanical cut-away of the Transtop mechanism

Below: A video clip of the Transtop in action, click on the frame to begin playback

**Click To
Begin Video
Playback**

USDM MODEL FEATURES SUMMARY

1993 - 1997

1993 Shared Features (all trims)

• Front-engine, front-wheel-drive, 2-passenger, 2-door targa top convertible • 5-Speed Manual Transmission (standard) or Available • Four-wheel double wishbone suspension • Power side/ rear windows • Adjustable steering column • Tachometer • Digital Quartz clock • Rear window defroster • Auxiliary Lights • Driver's Side Air bag • Impact-Absorbing Bumpers • Audio System Cover • Reclining Seat backs	• Center Locking Rear Storage Compartments • Coin Box • Remote Fuel Filler Door Release with Lock • Trunk/Cargo Area Light • 2-Speed Intermittent Wipers • Trunk Open Warning Light • Rear Window "Down" Warning Light • In Trunk Roof Storage System • High-Mount Brake Light • Gas-Pressurized Shock Absorbers • Center Armrest with Storage Compartment and Beverage Holder • 3 Point Seat Belts • Resetable Trip Odometer
--	---

Interior colors: All Black with upper Gray panels.

1993 Civic del Sol S Features

• 1.5 liter 102-Horsepower SOHC 16-Valve Engine with Multi-Point Programmed fuel injection (PGM-FI) • All-Season Radial Tires (P175/70 R13 82S)	• Full Wheel Covers (13 x 5J) • Power-Assisted Front Disc/Rear Drum Brakes • Dual Manual Remote Control Mirrors • Automatic 4-speed transmission optional
--	--

Exterior colors: Milano Red, Captiva Blue (Pearl), Granada Black (Pearl), Frost White.

1993 Civic del Sol Si Features

• 1.6 Liter 125 Horsepower SOHC 16-Valve Engine with Multi-Point Programmed Fuel Injection (PGM-FI) and Variable Valve Timing (VTEC) • Low-Profile 14" All-Season Radial Tires (P185/60 R14 82H) • Alloy Wheels (14 x 5 1/2 JJ) • Power-Assisted 4-Wheel Disk Brakes	• Dual Remote-Control Power Mirrors • Power-Assisted Steering • Cruise Control • Color-Keyed Center Seat Stripe • Dual Warning Horns • Front 21mm Stabilizer Bar • Automatic 4-speed transmission available
---	---

Note: A special option was made available this year to introduce the del Sol in Samba Green with the optional Alloy Wheels painted same color as the car along with special stripping

Exterior colors: Milano Red, Samba Green (Pearl), Granada Black (Pearl), Captiva Blue (Pearl).

Changes for 1994 (all trims)

- Dual airbags standard
- Added VTEC trim option

Changes for 1994 Civic del Sol Si

- AM/FM High Power Stereo with Cassette (4 X 20 Watt)

1994 Civic del Sol VTEC Features

• 1.6 Liter 160 Horsepower DOHC 16-Valve Engine with Multi-Point Programmed fuel injection (PGM-FI) and Variable Valve Timing (VTEC) • 5-Speed Manual Transmission • Front Stabilizer Bar (24mm) • Rear Stabilizer Bar (15mm)	• P195/60 R14 85V All Season Tires • Upper and Lower Front Strut Braces • Bigger front brakes (10.3in. vs. 9.4 in.) • Larger Brake Master cylinder and Brake Booster • AM/FM High Power Stereo with Cassette (4 X 20 Watt)
--	--

Exterior colors: Milano Red, Granada Black (Pearl).
Interior colors: All Black with upper Gray panels.

Changes for 1995 (all trims)

• Cylinder Protector for Lock Cylinders • Adjustable Center Console Vent Driver's side only • Remote Trunk Lid/Fuel Lid opener with lock on trunk only	• Low Fuel Lamp • No longer classified as a Civic del sol sticker (Civic) on rear panel removed • Targa seals updated
--	---

Changes for 1995 del Sol S

Exterior colors: Paradise Blue Green (Pearl), Granada Black (Pearl), Milano Red.

Changes for 1995 del Sol Si

- Power Door Locks

Exterior colors: Paradise Blue Green (Pearl), Granada Black (Pearl), Milano Red, Frost White.

Changes for 1995 del Sol VTEC

- Power Door Locks
- ABS Standard

Exterior colors: Isle Green (Pearl), Milano Red, Granada Black (Pearl).

Changes for 1996 (all trims)

- | | |
|--|---|
| <ul style="list-style-type: none"> • Loss of Auxiliary Lights • New Front Bumper (Changed the length to 157.7" from 157.3") • Changed to OBDII for Engine management • Change in color on Dash Bezel from Black to a Dark Gray | <ul style="list-style-type: none"> • Button at the end of E-brake Handle now finished with a Chrome Tip • Headlight-On Reminder • Remote Fuel and Trunk Openers with locks for both now. |
|--|---|

Interior colors: All Black panels with Gray panels only on roof panel and front window trim.

Changes for 1996 del Sol S

- | | |
|---|---|
| <ul style="list-style-type: none"> • 1.6 liter 106-Horsepower SOHC 16-Valve Engine with Multi-Point Programmed fuel injection (PGM-FI) | <ul style="list-style-type: none"> • Front Stabilizer Bar (21mm) |
|---|---|

Exterior colors: Vogue Silver Metallic, Frost White, Milano Red, Granada Black (Pearl).

Changes for 1996 del Sol Si

- | | |
|--|--|
| <ul style="list-style-type: none"> • 1.6 Liter 125 Horsepower SOHC 16-Valve Engine with Multi-Point Programmed Fuel Injection (PGM-FI) and Variable Valve Timing (VTEC) | <ul style="list-style-type: none"> • Rear Stabilizer Bar (13mm) added |
|--|--|

Exterior colors: Cypress Green (Pearl), Frost White, Milano Red, Granada Black (Pearl).

Changes for 1996 del Sol VTEC

- | | |
|---|---|
| <ul style="list-style-type: none"> • Changed Air Intake Hose to the same one used on the Si (smaller size) | <ul style="list-style-type: none"> • Lowered Red Line to 8K from 8.2K • B16A2 engine spec used. |
|---|---|

Exterior colors: Cypress Green (Pearl), Milano Red, Granada Black (Pearl).

1997 (all trims)

No changes were made on any model including color options.

Available Options (all trims)

- | | |
|--|---|
| <ul style="list-style-type: none"> • del Sol logo floor mats • Seat covers • Air conditioning • Nose mask • Rear wing spoiler • 13" 6 spoke alloy wheels • 14" 5 spoke machine finish wheel • 14" 5 spoke silver wheel • Wheel locks • Honda 4500 CD tuner | <ul style="list-style-type: none"> • Cassette tuner • Premium speaker system • Tweeter kit • Power antenna • Mud flaps • Anti-theft deterrent system • Pin stripes • Special seat belt harness for child seat • Exhaust tip • Leather wrap for steering wheel |
|--|---|

Note: The options contained above are not known which years they became available, or whether which ones were factory options, and which ones were offered by dealerships.

del Sol S Specifications

MODEL	93 S	94 S	95 S	96 S	97 S
Base Price:	\$15,080	\$15,080	\$15,080		
Engine Type/Displacement:	D15B7 SOHC 1493cc	D15B7 SOHC 1493cc	D15B7 SOHC 1493cc	D16Y7 SOHC 1590cc	D16Y7 SOHC 1590cc
Piston Bore & Stroke (mm):	75.0 x 90.0	75.0 x 90.0	75.0 x 90.0	75.0 x 90.0	75.0 x 90.0
Compression Ratio:	9.2:1	9.2:1	9.2:1	9.4:1	9.4:1
Horsepower (hp net)	102 @ 5900	102 @ 5900	102 @ 5900	106 @ 6200	106 @ 6200
Torque (ft-lb)	98 @ 5000	98 @ 5000	98 @ 5000	103 @ 4600	103 @ 4600
Redline	7200 rpm	7200 rpm	7200 rpm	6900 rpm	6900 rpm
Brakes (front/rear)	9.44" Disc/Drum	9.44" Disc/Drum	9.44" Disc/Drum	9.44" Disc/Drum	9.44" Disc/Drum
Wheels	13" w/Covers	13" w/Covers	13" w/Covers	13" w/Covers	13" w/Covers
Tires	175/70R13 82S	175/70R13 82S	175/70R13 82S	175/70R13 82S	175/70R13 82S
Transmissions	5M / 4A	5M / 4A	5M / 4A	5M / 4A	5M / 4A
Manual / Auto Ratios	3.250 / 2.600	3.250 / 2.600	3.250 / 2.600	3.250 / 2.600	3.250 / 2.600
(2)	1.761 / 1.468	1.761 / 1.468	1.761 / 1.468	1.761 / 1.468	1.761 / 1.468
(3)	1.172 / 0.975	1.172 / 0.975	1.172 / 0.975	1.172 / 0.975	1.172 / 0.975
(4)	0.909 / 0.673	0.909 / 0.673	0.909 / 0.673	0.909 / 0.673	0.909 / 0.673
(5)	0.702 / n/a	0.702 / n/a	0.702 / n/a	0.702 / n/a	0.702 / n/a
Final Drive (man/auto)	4.058 / 4.333	4.058 / 4.333	4.058 / 4.333	4.058 / 4.333	4.058 / 4.333
Curb Weight lbs(man/auto)	2,295 / 2,387	2,295 / 2,387	2,295 / 2,387	2,302 / 2,388	2,302 / 2,388
EPA mpg city (man/auto)	35 / 29	35 / 29	35 / 29	33 / 28	33 / 28
EPA mpg highway (man/auto)	41 / 36	41 / 36	41 / 36	39 / 35	39 / 35
0-60 mph (sec)	9.2	9.2	9.2	8.7	8.7
0-80 mph (sec)	16.8	16.8	16.8	15.9	15.9
0-100 mph (sec)	32.5	32.5	32.5	30.1	30.1
1/4 mile (sec)	17.2	17.2	17.2	16.9	16.9
1/4 mile speed (mph)	81.0	81.0	81.0	82.3	82.3
Top speed (mph)	113	113	113	115	115
Braking 60-0 mph (ft)	146	146	146	146	146
Lateral Acceleration (g)	0.79	0.79	0.79	0.81	0.81



Above: S Model Stock Engine (no A/C)

del Sol Si Specifications

(MODEL	93 Si	94 Si	95 Si	96 Si	97 Si
Base Price:	\$17,300	\$17,300	\$17,300	\$17,300	\$17,300
Engine Type/Displacement:	D16Z6 SOHC 1590cc	D16Z6 SOHC 1590cc	D16Z6 SOHC 1590cc	D16Y8 SOHC 1590cc	D16Y8 SOHC 1590cc
Piston Bore & Stroke (mm):	75.0 x 90.0	75.0 x 90.0	75.0 x 90.0	75.0 x 90.0	75.0 x 90.0
Compression Ratio:	9.2:1	9.2:1	9.2:1	9.6:1	9.6:1
Horsepower (hp net)	125 @ 6600	125 @ 6600	125 @ 6600	127 @ 6600	127 @ 6600
Torque (ft-lb)	106 @ 5200	106 @ 5200	106 @ 5200	107 @ 5500	107 @ 5500
Redline	7200 rpm	7200 rpm	7200 rpm	6900 rpm	6900 rpm
Brakes (front/rear)	9.44" Disc/Disc	9.44" Disc/Disc	9.44" Disc/Disc	9.44" Disc/Disc	9.44" Disc/Disc
Wheels	14" Alloy	14" Alloy	14" Alloy	14" Alloy	14" Alloy
Tires	185/60R14 82H	185/60R14 82H	185/60R14 82H	185/60R14 82H	185/60R14 82H
Transmissions	5M / 4A	5M / 4A	5M / 4A	5M / 4A	5M / 4A
Manual / Auto Ratios	3.250 / 2.600	3.250 / 2.600	3.250 / 2.600	3.250 / 2.600	3.250 / 2.600
(2)	1.900 / 1.468	1.900 / 1.468	1.900 / 1.468	1.909 / 1.468	1.909 / 1.468
(3)	1.250 / 0.975	1.250 / 0.975	1.250 / 0.975	1.250 / 0.975	1.250 / 0.975
(4)	0.909 / 0.638	0.909 / 0.638	0.909 / 0.638	0.909 / 0.638	0.909 / 0.638
(5)	0.750 / n/a	0.750 / n/a	0.750 / n/a	0.750 / n/a	0.750 / n/a
Final Drive (man/auto)	4.250 / 4.333	4.250 / 4.333	4.250 / 4.333	4.250 / 4.333	4.250 / 4.333
Curb Weight lbs(man/auto)	2,414 / 2,474	2,414 / 2,474	2,414 / 2,474	2,414 / 2,474	2,414 / 2,474
EPA mpg city (man/auto)	29 / 26	29 / 26	29 / 26	30 / 28	30 / 28
EPA mpg highway (man/auto)	35 / 34	35 / 34	35 / 34	36 / 35	36 / 35
0-60 mph (sec)	8.2	8.2	8.2	8.3	8.3
0-80 mph (sec)	14.8	14.8	14.8	15.1	15.1
0-100 mph (sec)	26.5	26.5	26.5	27.1	27.1
1/4 mile (sec)	16.6	16.6	16.6	16.7	16.7
1/4 mile speed (mph)	84.9	84.9	84.9	84.5	84.5
Top speed (mph)	122	122	122	123	123
Braking 60-0 mph (ft)	126	126	126	124	124
Lateral Acceleration (g)	0.82	0.82	0.82	0.84	0.84



Above Left: 1993 Si SOHC VTEC Model Stock Engine (no A/C)
 Above Right: (1994-1997) SOHC VTEC Stock Model engine

del Sol VTEC Specifications

MODEL	94 VTEC	95 VTEC	96 VTEC	97 VTEC
Base Price:	\$19,600	\$19,600	\$19,600	\$19,600
Engine Type/Displacement:	B16A3 DOHC 1595cc	B16A3 DOHC 1595cc	B16A2 DOHC 1595cc	B16A2 DOHC 1595cc
Piston Bore & Stroke (mm):	81.0 x 77.5	81.0 x 77.5	81.0 x 77.5	81.0 x 77.5
Compression Ratio:	10.2:1	10.2:1	10.2:1	10.2:1
Horsepower (hp net)	160 @ 7600	160 @ 7600	160 @ 7600	160 @ 7600
Torque (ft-lb)	111 @ 7000	111 @ 7000	111 @ 7000	111 @ 7000
Redline	8200 rpm	8200 rpm	8000 rpm	8000 rpm
Brakes (front/rear)	10.44" Disc/ 9.44" Disc	10.44" Disc/ 9.44" Disc	10.44" Disc/ 9.44" Disc	10.44" Disc/ 9.44" Disc
Wheels	14" Alloy	14" Alloy	14" Alloy	14" Alloy
Tires	195/60VR14	195/60VR14	195/60VR14	195/60VR14
Transmissions	5M	5M	5M	5M
Manual Ratios	3.307	3.307	3.307	3.307
(2)	2.105	2.105	2.105	2.105
(3)	1.458	1.458	1.458	1.458
(4)	1.107	1.107	1.107	1.107
(5)	0.848	0.848	0.848	0.848
Final Drive (man/auto)	4.400	4.400	4.400	4.400
Curb Weight lbs(man/auto)	2,491	2,491	2,522	2,522
EPA mpg city (man/auto)	26	26	26	26
EPA mpg highway (man/auto)	30	30	30	30
0-60 mph (sec)	7.0	7.0	7.0	7.0
0-80 mph (sec)	12.2	12.2	12.2	12.2
0-100 mph (sec)	20.3	20.3	20.3	20.3
1/4 mile (sec)	15.7	15.7	15.7	15.7
1/4 mile speed (mph)	84.5	89.1	89.1	89.1
Top speed (mph)	131	131	131	131
Braking 60-0 mph (ft)	124	124	124	124
Lateral Acceleration (g)	0.84	0.84	0.84	0.84



**Click To
Begin Video
Playback**

Above Left: DOHC VTEC Model Stock Engine (no A/C)
Above Right: A video clip from MotorWeek, click on the fram to start playback

JDM MODEL FEATURES SUMMARY

1992 - 1997

1992 Shared Features (all trims)

• Front-engine, front-wheel-drive, 2-passenger, 2-door targa top convertible • 5-Speed Manual Transmission • Four-wheel double wishbone suspension • Power side/ rear windows • Adjustable steering column • Tachometer • Digital Quartz clock • Rear window defroster • Auxiliary Lights • One-piece headlights • Impact-Absorbing Bumpers • Audio System Cover • Resetable Trip Odometer • Center armrest with storage compartment and beverage holder	• Reclining Seat backs • Center Locking Rear Storage Compartments • Coin Box • Remote Fuel Filler Door Release with Lock • Trunk/Cargo Area Light • 2-Speed Intermittent Wipers • Trunk Open Warning Light • Rear Window "Down" Warning Light • High-Mount Brake Light • Gas-Pressurized Shock Absorbers • Center Armrest with Storage Compartment and Beverage Holder • 3 Point Seat Belts • In Trunk Roof Storage System • Door handle map lights • Front stabilizer bar
---	--

Exterior colors: Milano red, Flint black metallic, Vogue Silver Metallic, Captiva blue (pearl), Samba Green (pearl)
interior colors: All Black with upper Gray panels.

1992 CRX del Sol VXi Features

• 1.5 liter 128-Horsepower SOHC 16-Valve Engine with Multi-Point Programmed fuel injection (PGM-FI) and Variable Valve Timing (VTEC) • 175/65R14 82H radial tire • 14" Steel wheel • Power-Assisted Front Disc/Rear Drum Brakes	• Driver's side airbag optional • ABS Power-Assisted Front Disc/Rear Disc Brakes optional • Dual Manual Remote Control Mirrors (body color) • 185/60R14 82H radial tires mounted on 14" alloy wheels optional • Power antenna optional
--	--

1992 CRX del Sol SiR Features

• 1.6 liter 170-Horsepower DOHC 16-Valve Engine with Multi-Point Programmed fuel injection (PGM-FI) and Variable Valve Timing (VTEC) • 195/55R15 83V radial tire • 15" Steel wheel • Rear stabilizer bar • Front Strut Brace • Power Antenna	• ABS Power-Assisted Front Disc/Rear Disc Brakes • Dual Remote-Control Power Mirrors • Color-Keyed Center Seat Stripe • TCS optional • LSD optional • Driver's side airbag optional • 15" alloy wheels optional
---	---

Changes for 1993 (all trims)

Exterior colors: Milano red, Granada Black (pearl), Vogue Silver Metallic, Captiva blue (pearl), Paradise Blue Green (pearl)

Changes for 1994 (all trims)

- del Sol VXi Limited edition introduced

Changes for 1994 CRX del Sol VXi and SiR

Exterior colors: Milano red, New vogue silver metallic, Granada Black (pearl), Lausanne green (pearl), Harvard blue (Pearl)

1994 CRX del Sol VXi Limited Features

• 1.5 liter 128-Horsepower SOHC 16-Valve Engine with Multi-Point Programmed fuel injection (PGM-FI) and Variable Valve Timing (VTEC) • Air conditioning	• USDM seat fabric • Roof panel is painted black • Only 600 produced • Honda 4500 CD tuner • Two Way Paradise Decal
--	---

Exterior colors: Milano red, Lausanne green (pearl)

Changes for 1995 (all trims)

• del Sol VGi Introduced • del Sol VXi Limited S introduced (600 total)	• del Sol VXi production run ends • Auxiliary lights are removed
--	---

Interior Colors: All black panels with grey panels only on roof and front window trim

1995 CRX del Sol VGi Features

• 1.6 liter 128-Horsepower SOHC 16-Valve Engine with Multi-Point Programmed fuel injection (PGM-FI) and Variable Valve Timing (VTEC) • 175/65R14 82H radial tire • 14" Steel wheels • Power-Assisted Front Disc/Rear Drum Brakes	• Driver's side airbag optional • ABS Power-Assisted Front Disc/Rear Disc Brakes optional • Dual Manual Remote Control Mirrors (body color) • 185/60R14 82H radial tires mounted on 14" alloy wheels optional • Power antenna optional
---	--

Exterior colors: Milano red, Frost white, New vogue silver metallic, Rhinoceros breath green (pearl)

Changes for 1995 CRX del Sol SiR

Exterior colors: Milano red, Frost white, New vogue silver metallic, Rhinoceros breath green (pearl)

1995 CRX del Sol VXi Limited S Features

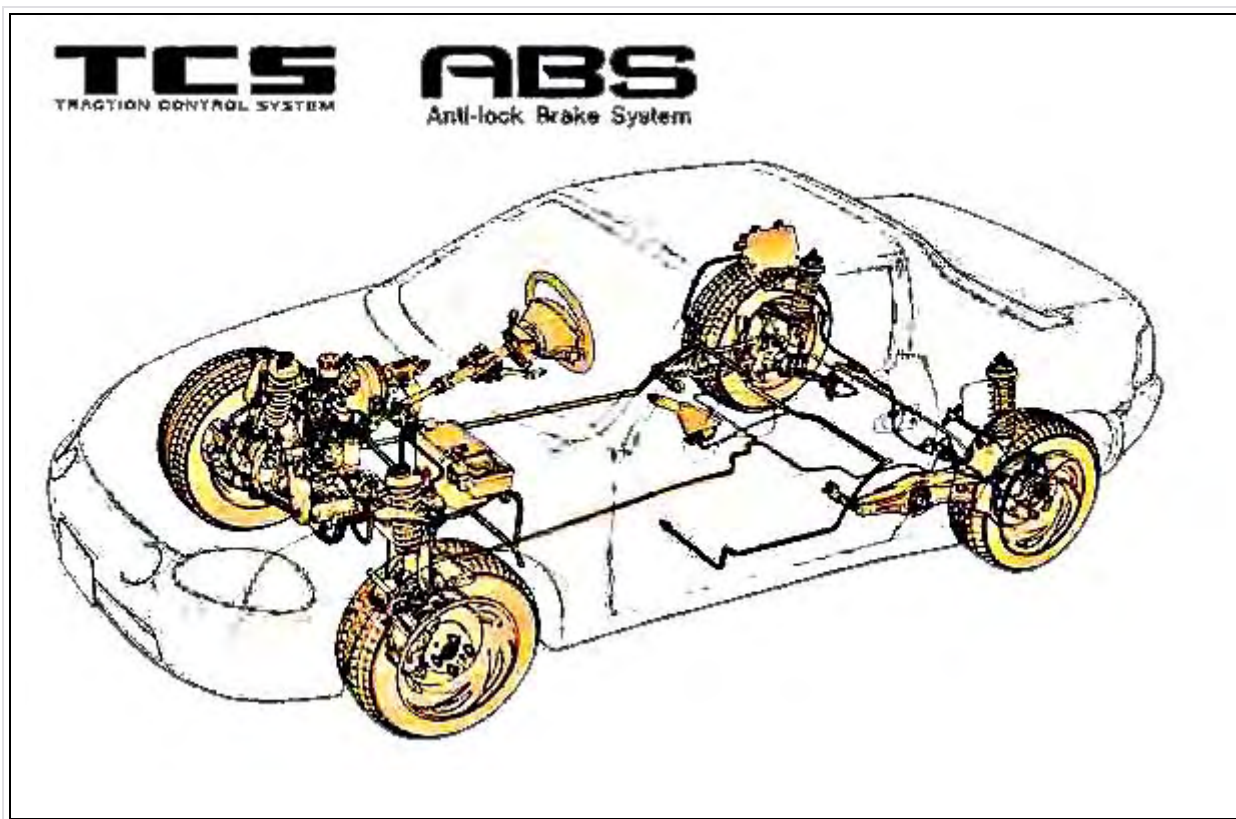
• 1.5 liter 128-Horsepower SOHC 16-Valve Engine with Multi-Point Programmed fuel injection (PGM-FI) and Variable Valve Timing (VTEC) • Only 600 produced	• Air conditioning • Trunk Spoiler • USDM seat fabric • Two Way Paradise Decal
---	---

Exterior colors: Milano red, Lausanne green (pearl)

Available Options (all trims)

- | | |
|--|--|
| <ul style="list-style-type: none"> • 4-speed automatic transmission • Trans top (electromotive top) • Honda 4500 CD tuner (std on Limited models) | <ul style="list-style-type: none"> • Air conditioning (std on limited models) • Trunk Spoiler (std on Limited S model) |
|--|--|

The TCS/ABS system on the CRX del Sol SiR



JDM engine bays



Above Left: CRX del Sol VXi
Above Center: CRX del Sol VGi
Above Right: CRX del Sol SiR

JDM Unique Paint Codes

New vogue silver metallic (NH583M), Flint Black (NH526M), Lausanne green (pearl) (G82P), Harvard Blue (pearl) (B-63P)

CRX del Sol Specifications

MODEL	1992 VXi	1995 VGi	95-97 SiR
Base Price:	\$11,950 / \$12,700	\$12,900 / \$13,600	\$15,600 / \$17,700
Engine Type/Displacement:	D15B SOHC 1493cc	D16A SOHC 1590cc	B16A DOHC 1595cc
Piston Bore & Stroke (mm):	74.0 x 84.5	75.0 x 90.0	81.0 x 77.5
Compression Ratio:	9:3:1	9:6:1	10.4:1
Horsepower (hp net)	128 @ 6800	128 @ 6600	170 @ 7800 / 155 @ 7300
Torque (ft-lb)	101 @ 5200	107 @ 5500	117 @ 7300 / 114 @ 6500
Redline	7200 rpm	??	8250 rpm
Brakes (front/rear)	9.44" Disc/Drum	9.44" Disc/Drum	10.44" Disc/ 9.44 " Disc
Wheels	14" steel	14" steel	15" steel
Tires	175/65R14	175/65R14 82H	195/55VR15
Transmissions	5M / 4A	5M / 4A	5M / 4A
Manual / Auto Ratios (1)	3.25 / 2.60	3.25 / 2.60	3.230 / 2.600
(2)	1.900 / 1.393	1.909 / 1.393	2.105 / 1.516
(3)	1.25 / 0.926	1.25 / 0.926	1.458 / 1.078
(4)	0.909 / 0.673	0.909 / 0.673	1.107 / 0.772
(5)	0.75 / n/a	0.75 / (n/a)	0.848 / n/a
Final Drive (man/auto)	4.25 / 4.333	4.25 / 4.357	4.40 / 4.357
Reverse	3.153 / 1.954	3.153 / 1.954	3.000 / 1.954
Curb Weight lbs(man/auto) / (add 50lbs. for Trans. Top option)	2,266 / 2,310	2,288 / 2,354	2,491 / 2,535
EPA mpg city (man/auto)	37 / 33	37 / 33	32 / 28
EPA mpg highway (man/auto)	??	??	??
0-60 mph (sec)	??	??	6.7
0-80 mph (sec)	??	??	11.6
0-100 mph (sec)	??	??	18.8
1/4 mile (sec)	??	??	15.4
1/4 mile speed (mph)	??	??	91.7
Top speed (mph)	??	??	134
Braking 60-0 mph (ft)	??	??	124
Lateral Acceleration (g)	??	??	0.88



Above Left: A close up of the Two Way Paradise decal which appeared only on the JDM CRX del Sol Limited and Limited S models.

Above Right: A shot of the factory painted black targa roof which only the JDM CRX del Sol Limited offered.

EDM MODEL FEATURES SUMMARY

1992 - 1998

Shared Features (all trims)

• Front-engine, front-wheel-drive, 2-passenger, 2-door targa top convertible • 5-Speed Manual Transmission • Four-wheel double wishbone suspension • Cruise Control • Power side / rear windows • Power-Assisted Steering • Power-Assisted 4-Wheel Disk Brakes • Adjustable steering column • Tachometer • Digital Quartz clock • Rear window defroster • Impact-Absorbing Bumpers • Audio System Cover • Glass AUX lights w/ H4 beams • Glass two-piece headlights • Rear Lights without side reflector • 3rd brake light delete plate	• Dual Remote-Control Power Mirrors • Re-engineered sun-visors • Power Adjustable main lights • Rear Fog Lights • Reclining Seat backs • Center Locking Rear Storage Compartments • Coin Box • Remote Fuel Filler Door Release with Lock • Trunk/Cargo Area Light • 2-Speed Intermittent Wipers • Trunk Open Warning Light • Rear Window "Down" Warning Light • Gas-Pressurized Shock Absorbers • 3 Point Seat Belts • Dual Warning Horns • Resetable Trip Odometer • Front 21mm Stabilizer Bar
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1992 Civic CRX ESi Features

• 1.6 Liter 125 Horsepower SOHC 16-Valve Engine with Multi-Point Programmed Fuel Injection (PGM-FI) and Variable Valve Timing (VTEC) • Grey center seat stripe	• Automatic 4-speed transmission optional • Power-Assisted Front Disk / Rear Drum Brakes • 14" Steel wheels w/ cover
---	--

Exterior colors: Colors Milano red, Captiva blue (pearl), Flint black metallic

1992 Civic CRX VTi Features

• 1.6 Liter 160 Horsepower DOHC 16-Valve Engine with Multi-Point Programmed Fuel Injection (PGM-FI) and Variable Valve Timing (VTEC) • Door Handle Map Lights • Rear Spoiler • Power-Assisted 4-Wheel Disk Brakes	• 14" Alloy wheels • Front Strut Brace • Color Coded seats • Rear stabilizer • Optional transtop • Color-keyed center seat stripe
--	--

Exterior colors: Milano red, Captiva blue (pearl), Flint black, Samba Green (pearl)

Changes for 1994 (all trims)

• Trans top option available for both ESi and VTi • Driver's side airbag standard	• The Civic CRX is now known as the CRX Del Sol
--	---

Changes for 1994 CRX del Sol ESi

Exterior colors: Milano red, Granada black (pearl), Vogue silver metallic, Paradise blue green (pearl)

Changes for 1996 (all trims)	
• painted outside mirrors and door handles exterior car color • Power antenna	• 3rd brake light now standard equipment
Changes for 1996 CRX del Sol ESi	
• 1.6 Liter 127 Horsepower SOHC 16-Valve Engine with Multi-Point Programmed Fuel Injection (PGM-FI) and Variable Valve Timing (VTEC) Exterior colors: Milano red, Granada black (pearl), Vogue silver metallic, Cypress green (pearl)	
Changes for 1997 (all trims)	
• ABS now standard on ESi • Color-keyed center seat stripe	• ESi Motegi model introduced
1997 CRX del Sol ESi Motegi Features	
• Exhaust tip • Leather equipment	• Sport chassis • 15" alloy wheels
Exterior colors: Adriatic Blue Pearl	

Available Options (all trims)

• Fog lights • Leather interior (std. on Motegi) • 15" Alloy Wheels • Driver's airbag (std. after 1994) • Twin Tip Exhaust	• EDM Body Kit • Alarm with immobilizer • Tweeter Kit • Power Antenna • CD Changer • Mudflaps	• Interior Mats • Heated Seats • Air conditioning • Rear Spoiler • 3rd Brake Light (std. after 1996)
--	--	--

Note: The options contained above are not known which years they became available, or whether which ones were factory options, and which ones were offered by dealerships.



Above Left: The exterior view of the CRX del Sol Motegi

Above Right: The interior view of the CRX del Sol Motegi

EDM Unique Paint Codes

Flint Black (NH526M), Adriatic Blue (B74P)

Civic CRX Specifications

MODEL	93' ESi	93' VTi
Base Price:	??	??
Engine Type/Displacement:	D16Z6 SOHC 1590cc	B16A2 DOHC 1595cc
Piston Bore & Stroke (mm):	75.0 x 90.0	81.0 x 77.5
Compression Ratio:	9.2:1	10.2:1
Horsepower (hp net)	125 @ 6500	160 @ 7600
Torque (ft-lb)	106 @ 5200	111 @ 7000
Redline	7200	8200
Brakes (front/rear)	9.44" Disc / Drum	10.44" Disc / 9.44" Disc
Wheels	14" Steel	14" Alloy
Tires	185/60 R 14	195/60 HR 14
Transmissions	5M / 4A	5M
Manual / Auto Ratios (1)	3.250 / 2.600	3.230
(2)	1.900 / 1.393	2.105
(3)	1.250 / 0.975	1.456
(4)	0.931 / 0.772	1.107
(5)	0.771 / n/a	0.875
Final Drive (man/auto)	4.250 / 4.333	4.266
Reverse	3.153 / 1.954	3.000
Curb Weight lbs(man/auto) / (add 50lbs. for Trans. Top option)	2376 / ??	2585
EPA mpg city (man/auto)	??	??
EPA mpg highway (man/auto)	??	??
0-60 mph (sec)	??	??
0-80 mph (sec)	??	??
0-100 mph (sec)	??	??
1/4 mile (sec)	??	??
1/4 mile speed (mph)	??	??
Top speed (mph)	118	131
Braking 60-0 mph (ft)	??	??
Lateral Acceleration (g)	??	??



Above Left: A top view of the CRX del Sol
Above Right: An interior view of the CRX del Sol

Engine Source Guide

Looking for an engine for your del Sol? Here's the donor list.

Engine Code	Type/ Displacement	Horsepower (Hp net)	Torque (Ft- lb)	Compression Ratio	OBD 0/II/III	Donor Vehicles	Origin
B16A	DOHC 1595cc VTEC	170 @ 7800	117 @ 7300	10:4:1	OBD0	90' – 91' Civic SiR	JDM
						90' – 91' Civic SiRII	
						88' – 91' Civic SiR Hatchback	
						90' - 91' Integra Xsi	
						90' – 91' Integra Rsi	
						88' – 91' Civic Vti	
						88' – 91' CRX 1.6i	
						88' – 91' CRX SiR	
					OBDI	92' – 93' Integra Xsi	
						92' – 93' Integra Rsi	
						92' – 95' CRX Del Sol SiR	
						92' – 95' Civic SiR	
						92' – 95' Civic Ferio Si	
						92' – 95' Civic Ferio SiII	
						92' – 95' Civic Ferio SiR	
					OBDII	92' – 95' Civic Ferio RTSi 4WD	
						96' - 97' Del Sol SiR	
						96' – 00' Civic SiR	
						96' – 00' Civic SiRII	
B16A2	DOHC 1595cc VTEC	160 @ 7600	111 @ 7000	10:2:1	OBDI	96' – 97' Del Sol VTEC	USDM
					OBDII	99' – 00' Civic Si	
B16A3	DOHC 1595cc VTEC	160 @ 7600	111 @ 7000	10:2:1	OBDI	94' – 95' Del Sol VTi	EDM
						94' – 95' Del Sol VTEC	USDM
					OBDII	96' – 97' Del Sol VTi	EDM
B16B	DOHC 1595cc VTEC	185 @ 8200	118 @ 7500	10:8:1	OBDII	98' – 00' Civic Type R	JDM
B17A1	DOHC 1678cc VTEC	160 @ 7600	117 @ 7000	9:7:1	OBDI	92' – 93' Integra GSR	USDM



Engine Code	Type/ Displacement	Horsepower (Hp net)	Torque (Ft- lb)	Compression Ratio	OBD 0/I/II	Donor Vehicles	Origin
B18B	DOHC 1834cc	130 @ 6000	121 @ 5000	9:2:1	OBDI	92' – 95' Domani Si-G	JDM
						94' – 95' Integra Esi	
					OBDII	96' Domani Si-G	
						96' – 00' Orthia GX S	
B18B1	DOHC 1834cc	142 @ 6300	127 @ 5200	9:2:1	OBDI	94' – 95' Integra RS/LS	USDM
					OBDII	96' – 01' Integra RS/LS	
B18C1	DOHC 1797cc VTEC	170 @ 7600	128 @ 6200	10:0:1	OBDI	94' – 95' Integra GSR	USDM
					OBDII	96' – 01' Integra GSR	
B18C5	DOHC 1797cc VTEC	195 @ 7800	130 @ 7600	11:1:1	OBDII	98' – 01' (no 99') Integra Type R	USDM
B20B	DOHC 1997cc	126 @ 5400	133 @ 4300	8:8:1	OBDII	99' – 00' S-MX	JDM
						96' – 00' CRV	
						96' – 00' Orthia 2.0GX	
						96' – 00' CRV	USDM
B20Z	DOHC 1997cc VTEC	146 @ 6400	143 @ 4500	9:6:1	OBDII	99' – 00' CRV	USDM
D15B7	SOHC 1493cc	102 @ 5900	98 @ 5000	9:2:1	OBDI	92' – 95' Civic DX/LX	USDM
						93' – 95' Del Sol S	
D16Y7	SOHC 1590cc	106 @ 6200	103 @ 4600	9:4:1	OBDII	96' – 00' Civic CX/DX/LX	USDM
						96' – 97' Del Sol S	
D16Y8	SOHC 1590cc VTEC-II	127 @ 6600	107 @ 5500	9:6:1	OBDII	96' – 97' Del Sol Si	USDM
						96' – 00' Civic EX	
D16Z6	SOHC 1590cc VTEC	125 @ 6600	106 @ 5200	9:2:1	OBDI	93' – 95' Del Sol Si	USDM
						92' – 95' Civic EX	



Manuals

[USDM Helms Manual scans](#)

(door glass / weather stripping, interior trim, center consoles, rear bins, dashboard, seats, carpet, front bumper, roof rail trim)

[UK Helms Transtop Section](#)

[USDM Part Number Catalog](#)

[Mudflap Installation](#)

[Power Antenna Installation](#)

[Seat Cover Installation](#)

[Spoiler Installation](#)

Service Bulletins

Issue resolutions straight from Honda

[Door Rattle Fix](#)

Release July 2nd 1993

[Roof Leak Fix](#)

Released Mar. 12th 1993

Revised Oct. 8th 1993

[Roof Leak Fix](#)

Released Nov. 28th 1994

[Roof Noise Fix](#)

Release date Dec. 18th 1995

TOP 10 MOST POTENT POWERPLANTS			
(Production engines producing the most horsepower per liter.)			
Cars	Engine	Horsepower	HP/L
1. Lotus Esprit Turbo	Turbocharged 2.2L 16-valve DOHC inline-4	264@6500	120.0
2. Ferrari F355	3.5L 40-valve DOHC V-8	380@8250	109.0
3. Toyota Supra Turbo	Turbocharged 3.0L 24-valve DOHC inline-6	320@5600	106.7
4. Audi S4	Turbocharged 2.2L 20-valve DOHC inline-5	227@5900	103.2
5. Mitsubishi 3000GT VR-4/ Dodge Stealth	Turbocharged 3.0L 24-valve DOHC V-6	300@6000	100.0
Nissan 300ZX Turbo	Turbocharged 3.0L 24-valve DOHC V-6	300@6400	100.0
Toyota MR-2	Turbocharged 2.0L 16-valve DOHC inline-4	200@6000	100.0
Honda Civic del Sol VTEC	1.6L 16-valve DOHC inline-4	160@7600	100.0
9. Porsche 911 Turbo 3.6	Turbocharged 3.6L 12-valve SOHC opposed-6	355@5500	98.6
10. Saab 9000 Turbo	Turbocharged 2.3L 16-valve DOHC inline-4	225@5500	97.8

TOP 10 BESTSELLERS	
(Through the first six months of 1994)	
Import Cars	
1. Honda Accord	176,195
2. Toyota Camry	160,686
3. Honda Civic/del Sol	135,567
4. Toyota Corolla	108,129
5. Nissan Sentra	88,637
6. Nissan Altima	78,079
7. Nissan Maxima	66,353
8. Geo Prizm	56,278
9. Mazda Protégé	49,537
10. Geo Metro	47,051

Above: Excerpts from MotorTrend 11/94

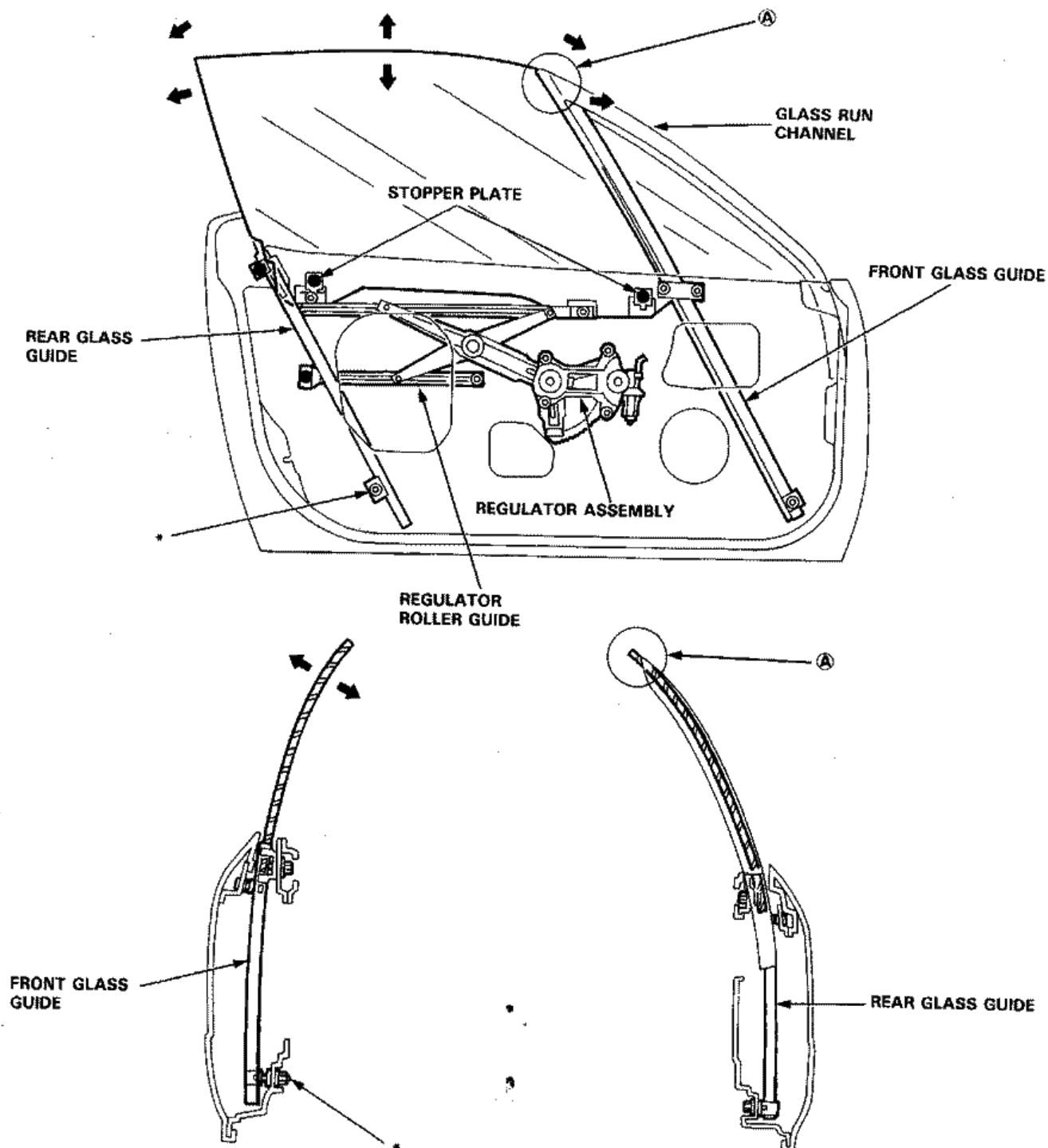
Doors

Glass Adjustment

*: Adjusting bolt locations

NOTE:

- Before adjusting the glass, make sure the roof is locked securely.
- Take care not to damage location (A) on the glass run channel.



NOTE:

- Place the vehicle on a firm, level surface when adjusting the glass.
- Lower the glass fully.

1. Remove:

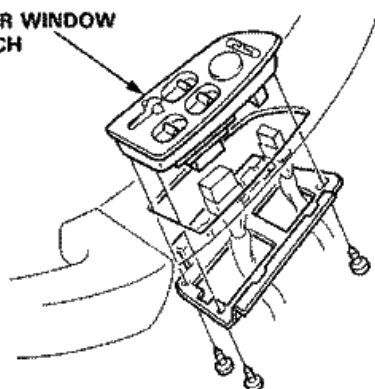
- Door panel/plastic cover (see pages 20-3, 4)
- Center pillar weatherstrip (see page 20-81)
- Center pillar retainer (see page 20-81)
- Center pillar trim (see page 20-48)
- Roof side weatherstrip (see page 20-36)
- Roof side retainer (see page 20-36)

NOTE: Check the weatherstrip for damage and deterioration, and replace it if necessary.

- 2. Remove the power window switch from the door panel.**

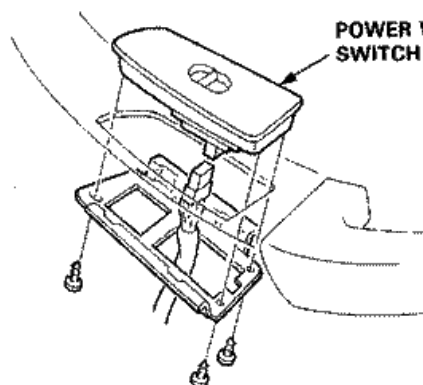
Driver's:

POWER WINDOW SWITCH



Passenger's:

POWER WINDOW SWITCH



- 3. Connect the power window switch to the door harness.**

- 4. Close the roof fully, then lock it.**

NOTE: Make sure the roof is locked securely.

- 5. Carefully close the door while holding the glass to prevent it from contacting the body panel.**

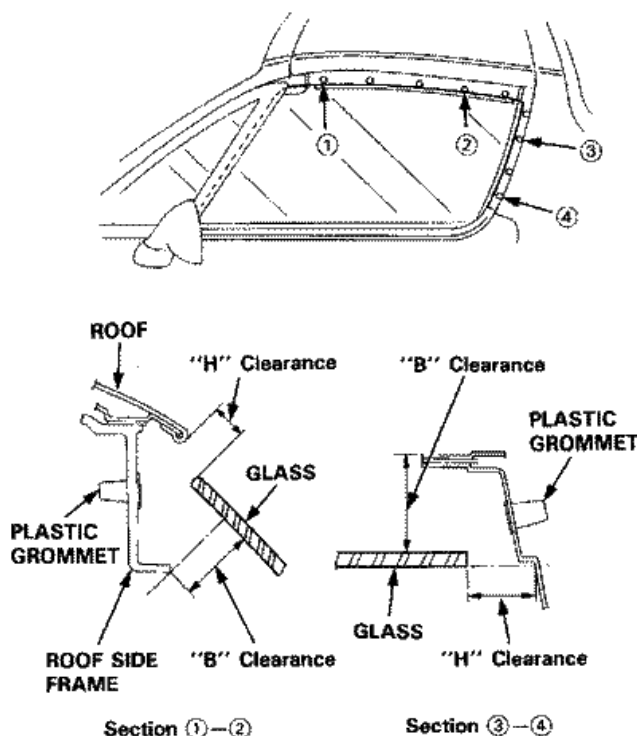
- 6. Raise the glass fully.**

NOTE: Check the door fit to the body opening.

- 7. Measure and record clearance "H" and "B" between the glass and body at the locations shown.**

- 8. Adjust the clearance as described in steps 9 thru 10.**

Measuring Points:



Standard Clearance:

- Permissible tolerance: $\pm 1 \text{ mm (0.04 in)}$

Unit: mm (in)

Measuring Point	①	②	③	④
Clearance H	10.1 (0.398)	11.8 (0.465)	21.4 (0.843)	21.2 (0.835)
Clearance B	17.2 (0.677)	22.3 (0.878)	24.1 (0.949)	27.1 (1.07)

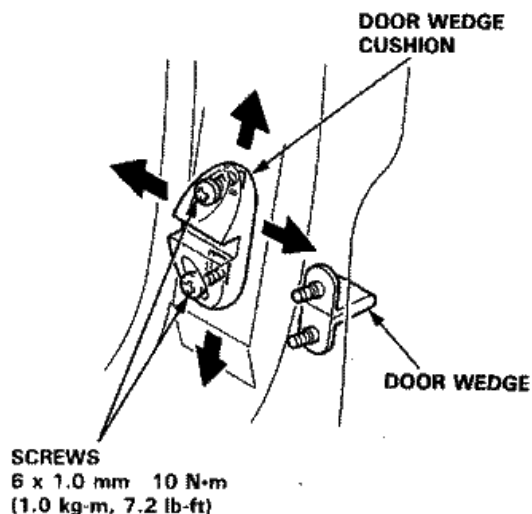
(cont'd)

Doors

Door Striker/Door Wedge Cushion Adjustment (cont'd)

Adjusting the door wedge cushion:

1. Loosen the screws and move the door wedge cushion UP or DOWN to align it with the door wedge. Move the door wedge cushion IN or OUT to center it. Then lightly tighten the screws and recheck.



NOTE: Hold the outside handle out, and push the door against the body to be sure the door wedge cushion allows a flush fit.

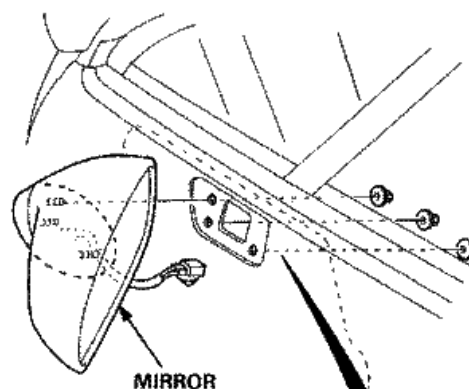
2. If the door latches properly, tighten the screws and recheck.

Power/Manual Mirrors

Removal

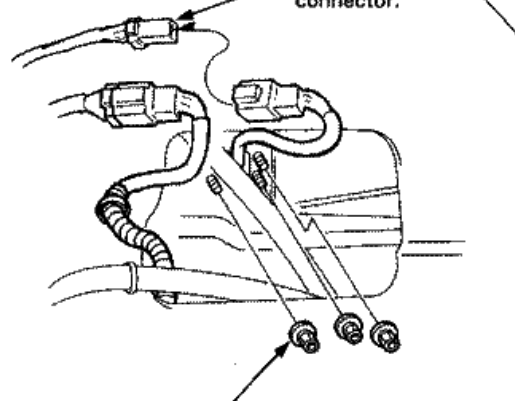
NOTE: Raise the window fully.

1. Remove:
 - Door panel (see page 20-3)
 - Plastic cover (see page 20-4)
2. Disconnect the connector (power mirror only).
3. Remove the mounting nuts while holding the mirror, then remove it.



Power mirror:

Disconnect the connector.



MOUNTING NUTS
6 x 1.0 mm 10 N·m
(1.0 kg-m, 7.2 lb-ft)

4. Installation is the reverse of the removal procedure.

NOTE:

- Check for water leaks.
- Do not use high-pressure water.



Interior Trim

Replacement

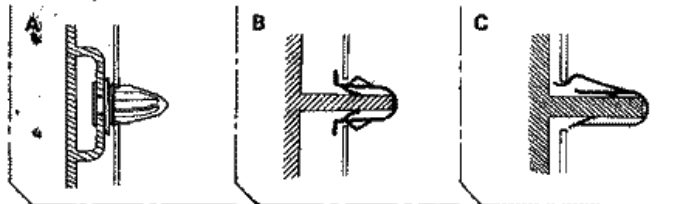
CAUTION: When prying with a flat tip screwdriver, wrap it with protective tape to prevent damage.

NOTE:

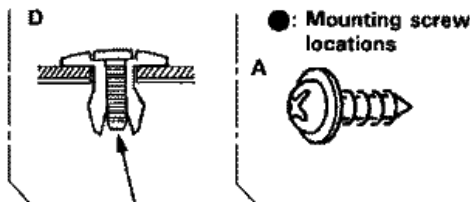
- Take care not to scratch the panels and trims.
- Slide the seat fully forward, then fold the seat-back forward.
- Remove the roof.

Disassemble in numbered sequence.

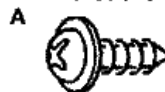
▶: Clip locations



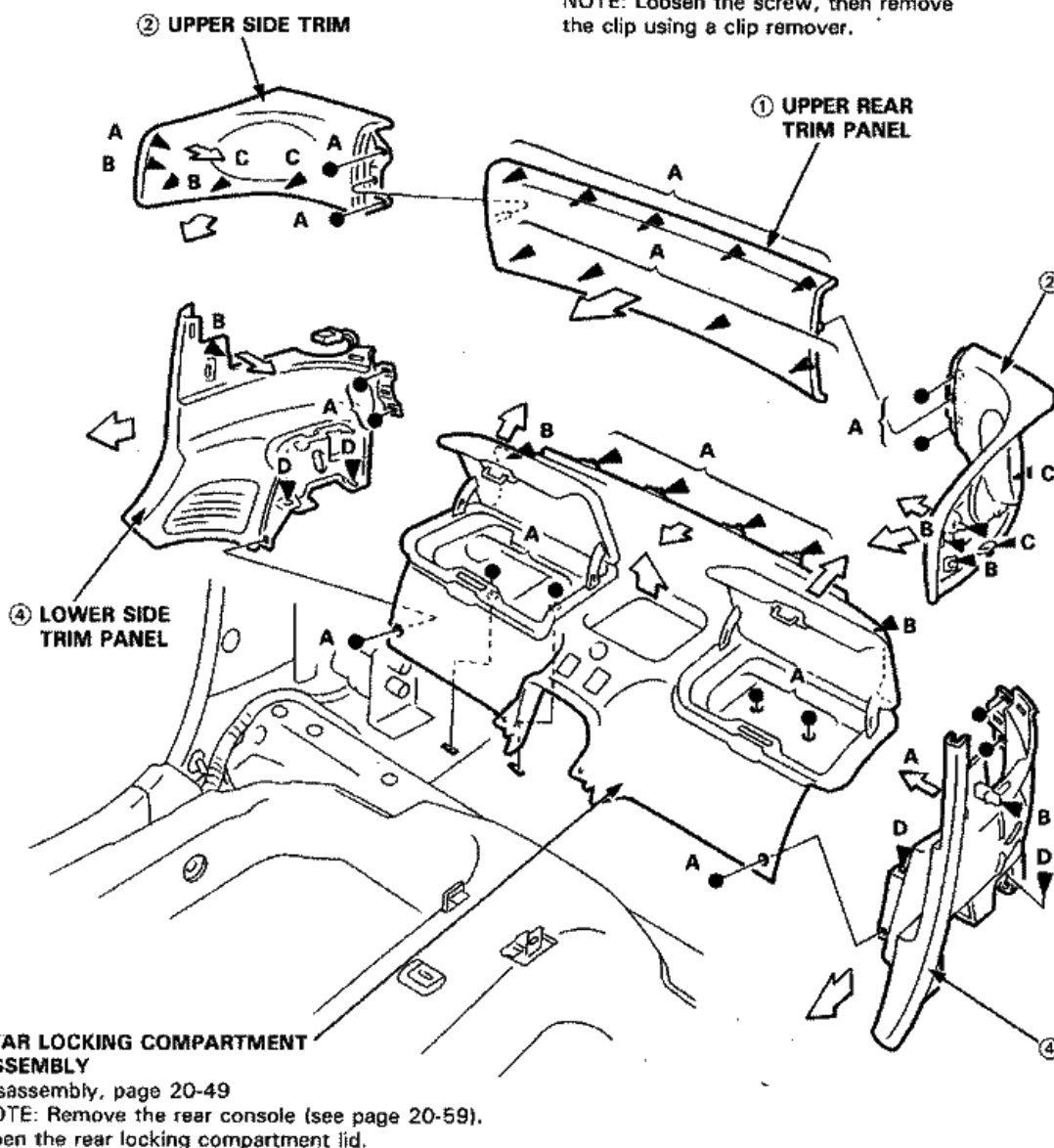
D



●: Mounting screw locations



NOTE: Loosen the screw, then remove the clip using a clip remover.



③ REAR LOCKING COMPARTMENT ASSEMBLY

Disassembly, page 20-49

NOTE: Remove the rear console (see page 20-59).
Open the rear locking compartment lid.

(cont'd)



Rear Locking Compartment Disassembly

CAUTION: When prying with a flat tip screwdriver, wrap it with protective tape to prevent damage.

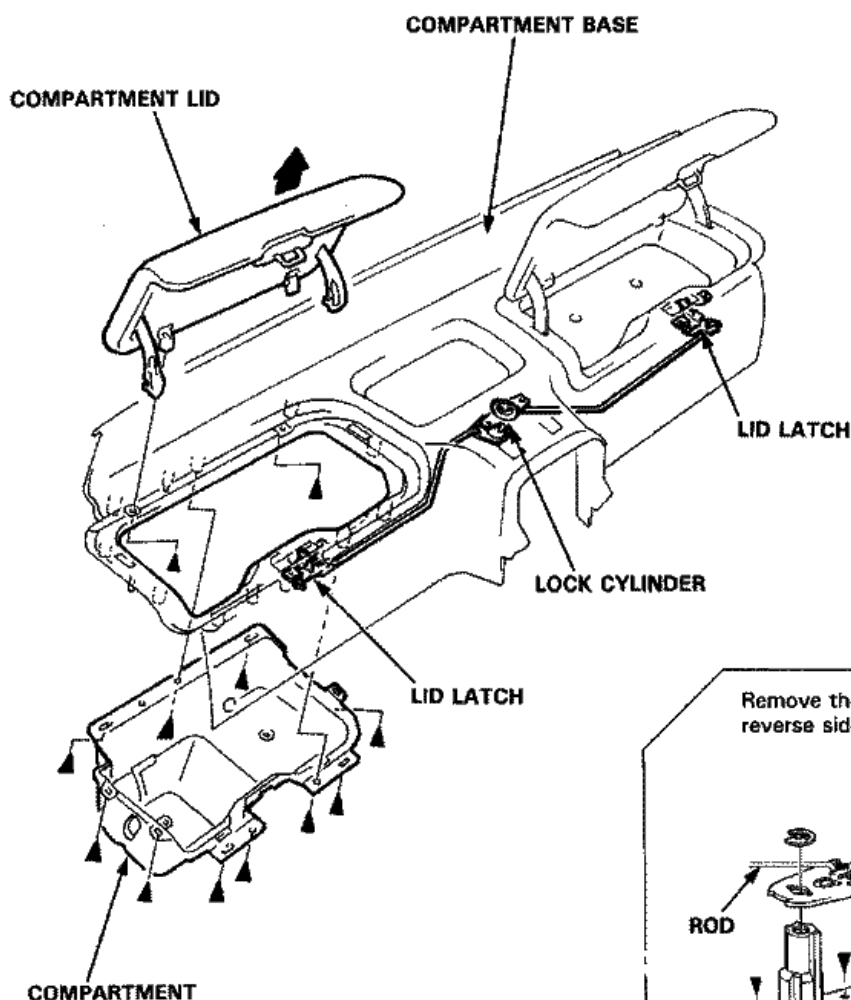
NOTE:

- Take care not to scratch the rear locking compartment assembly.
- Take care not to bend the rod.

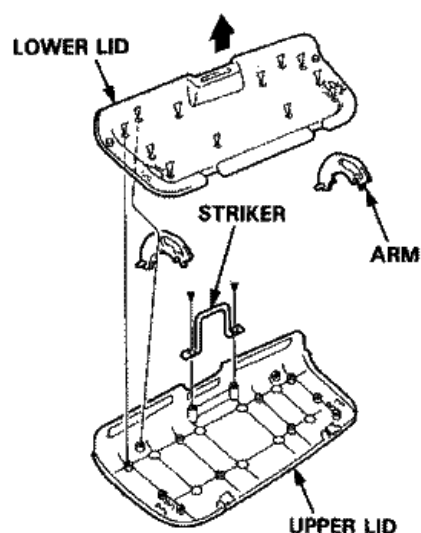
▷: Mounting screw locations



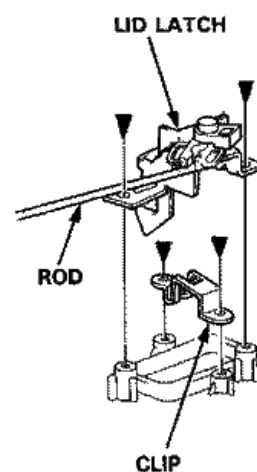
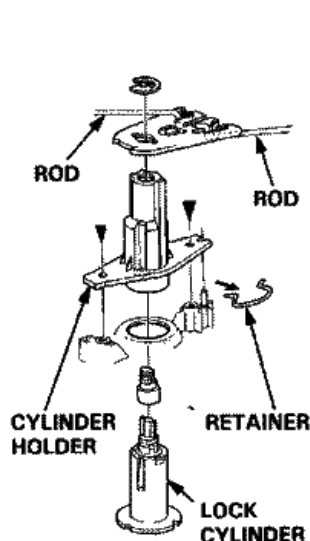
▷: Mounting screw locations



Disassembling the compartment lid:



Remove the lock cylinder and lid latch from the reverse side of the compartment base.



Assembly is the reverse of the disassembly procedure.

NOTE: After assembling the rear locking compartment, make sure the lid locks securely.

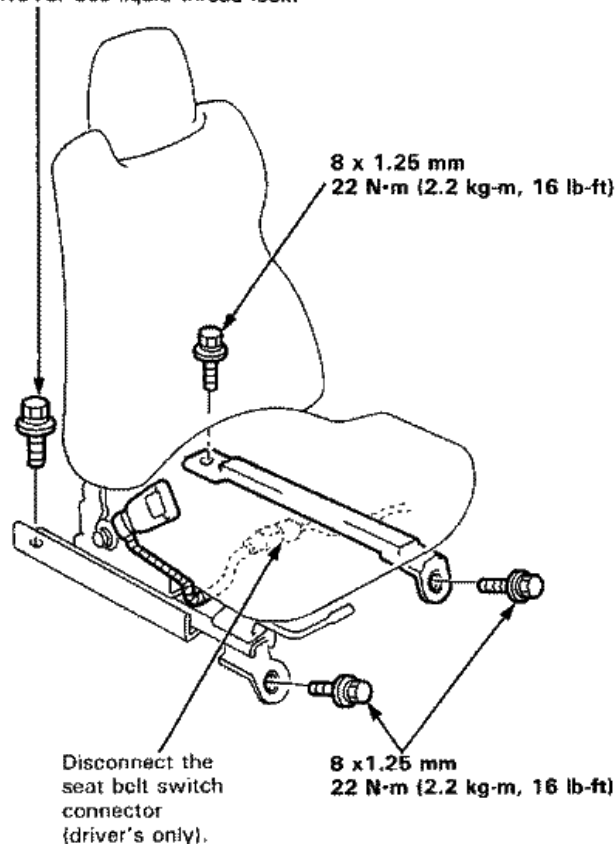
Seats

Removal

NOTE: Take care not to scratch the seat covers and body.

1. Remove the mounting bolts and disconnect the seat belt switch connector, then remove the seat assembly.

10 x 1.25 mm
40 N·m (4.0 kg-m, 29 lb-ft)
NOTE: Use liquid thread lock.



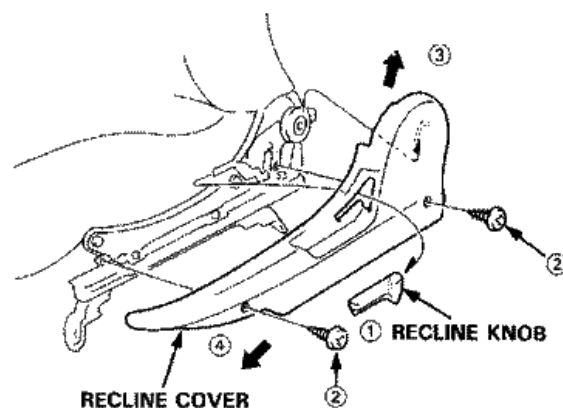
2. Installation is the reverse of the removal procedure.

NOTE: Make sure the seat belt switch connector is connected properly (driver's).

Replacement

NOTE: Take care not to scratch the seat covers and body.

1. Remove the seat assembly through the door opening.
2. Remove the screws and recline knob, then remove the recline cover.

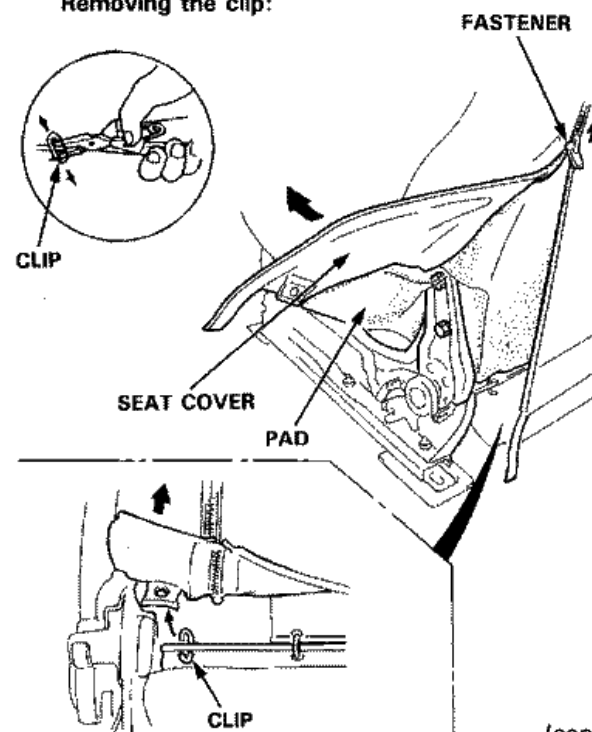


3. Remove the lower clip from the seat-back, then fold the seat cover and pad back until you can see the seat-back mounting bolts.

NOTE:

- Take care not to damage the pad.
- Remove the clip as shown.

Removing the clip:



(cont'd)

Carpet

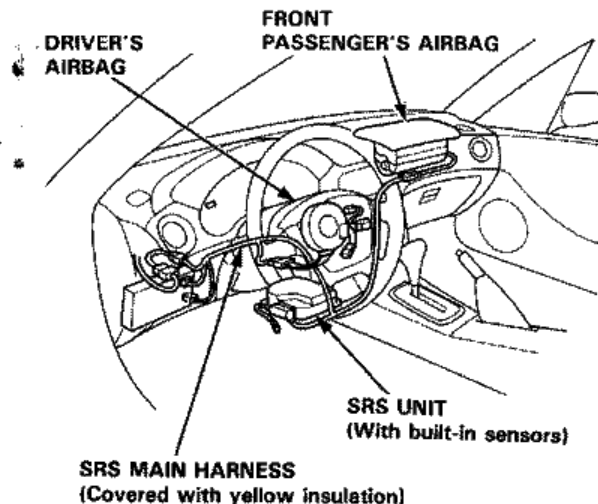
Replacement



SRS wire harnesses are routed near the carpet.

CAUTION:

- All SRS wire harnesses are covered with yellow insulation. Before you disconnect any part of an SRS wire harness, connect the short connectors.
- Whenever the ignition switch is ON (II), or has been turned OFF for less than three minutes, be careful not to bump the SRS unit; the airbags could accidentally deploy and cause damage or injuries.
- Refer to additional precautions beginning on page 23-244 in the SRS sub-section.

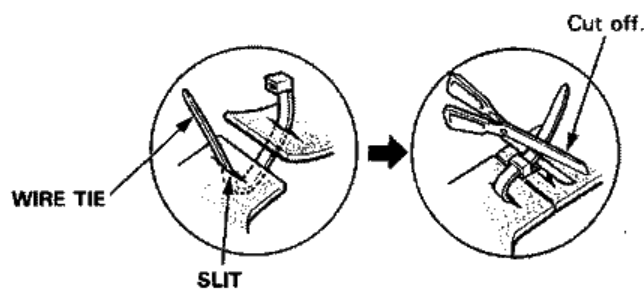


1. Remove:

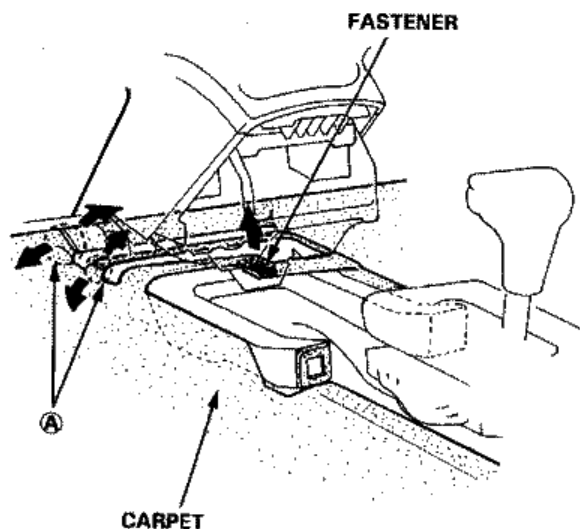
- Center/Rear console (see pages 20-59, 60)
- Seats (see page 20-51)
- Seat belt lower anchors (see page 20-53)
- Upper rear trim panel (see page 20-47)
- Upper side trim (see page 20-47)
- Rear locking compartment assembly (see page 20-47)
- Lower side trim panel (see page 20-47)
- Footrest

2. Pry out the clips and detach the door sill molding clips.

3. Cut area A first, then pull the carpet back as shown. Detach the fastener.



NOTE: When installing, reattach the cut area with a wire tie as shown.

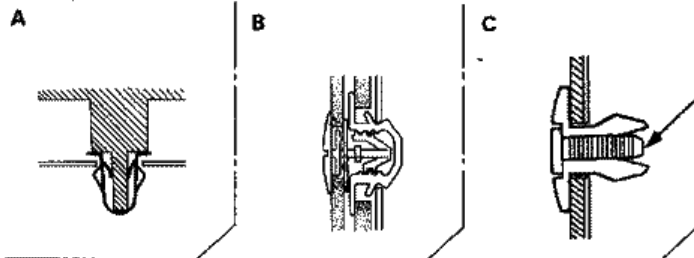


(cont'd)

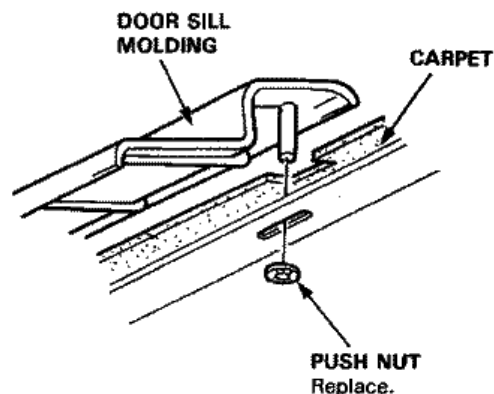
Carpet

Replacement (cont'd)

►: Clip locations



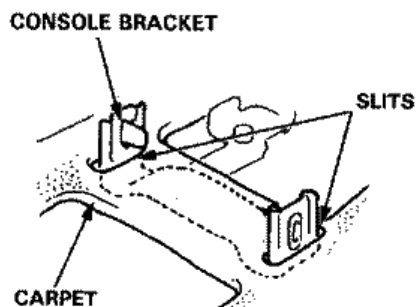
NOTE: Loosen the screw, then remove the clip using a clip remover.



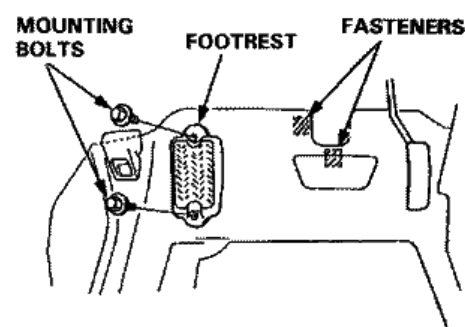
4. Remove the carpet by sliding it rearward.

NOTE:

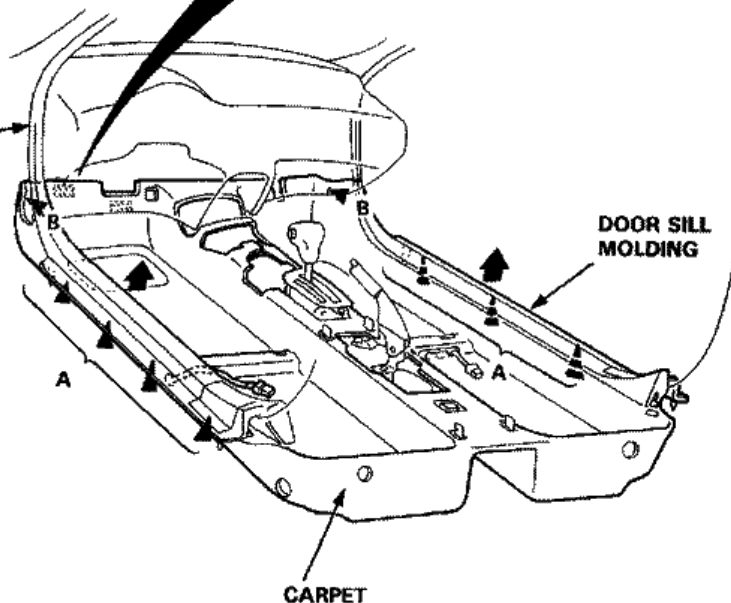
- Take care not to damage, wrinkle or twist the carpet.
- Remove the slits in the carpet from the console bracket.



NOTE: When installing, slip the slits in the carpet over the console bracket.

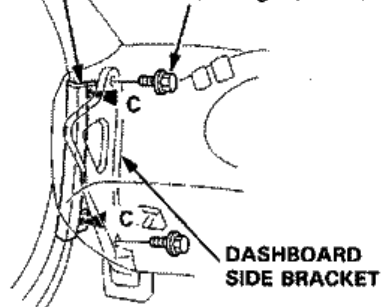


FRONT PILLAR LOWER TRIM



FRONT PILLAR LOWER TRIM

6 x 1.0 mm
10 N·m (1.0 kg-m, 7.2 lb-ft)



To remove the trim, first remove:

- Door sill molding
- Dashboard (see page 20-65)
- Dashboard side bracket

5. Installation is the reverse of the removal procedure.

NOTE:

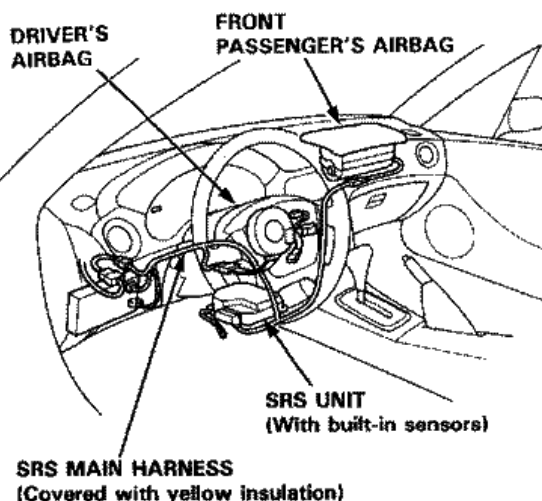
- Take care not to damage, wrinkle or twist the carpet.
- Make sure the seat harnesses are routed correctly.

Consoles, Center and Rear Replacement

SRS wire harnesses are routed near the center lower cover.

CAUTION:

- All SRS wire harnesses are covered with yellow insulation. Before you disconnect any part of an SRS wire harness, connect the short connectors.
- Whenever the Ignition switch is ON (II), or has been turned OFF for less than three minutes, be careful not to bump the SRS unit; the airbags could accidentally deploy and cause damage or injuries.
- Refer to additional precautions beginning on page 23-244 in the SRS sub-section.



Disassemble in numbered sequence.

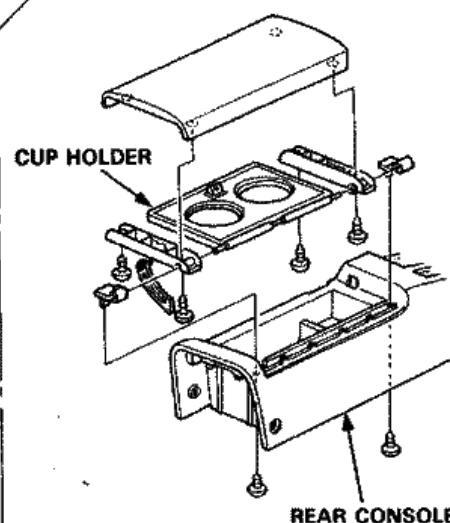
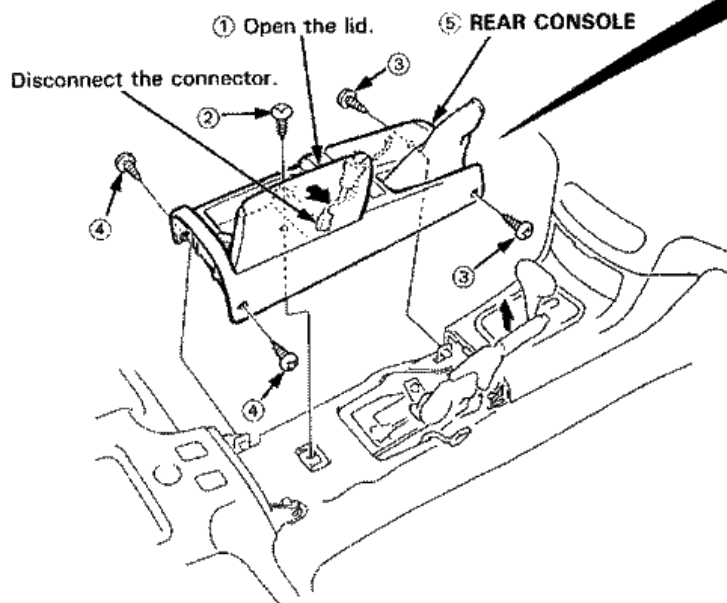
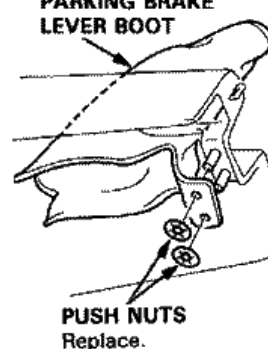
CAUTION:

- To prevent damage to the shift lever, wrap it with a shop towel (A/T model).
- When removing the center console, use the protective tape to the dashboard to prevent damage.

NOTE:

- Move the shift lever back (A/T model).
- Remove the shift lever knob (M/T model).
- Lift up the parking brake lever.
- Take care not to scratch the consoles and dashboard.

PARKING BRAKE
LEVER BOOT



(cont'd)

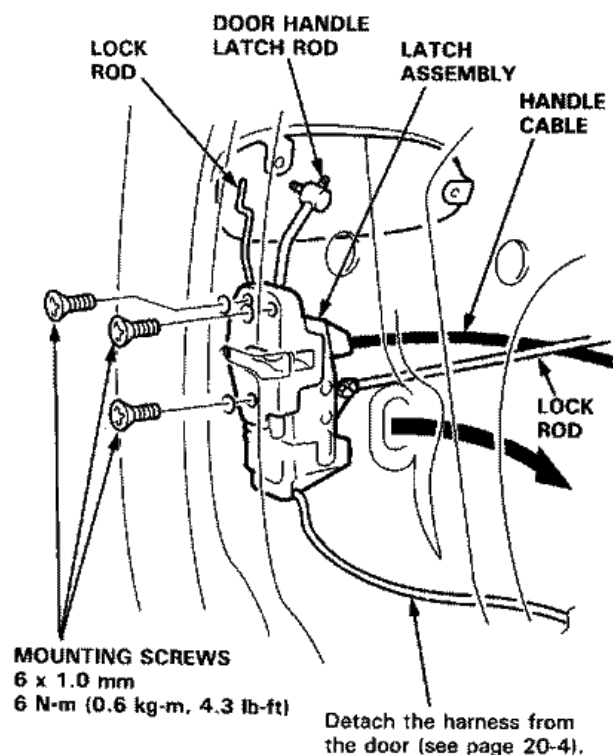
Doors

Door Latch Replacement

NOTE: Raise the glass fully.

1. Remove:
 - Door panel (see page 20-3)
 - Plastic cover (see page 20-4)
 - Outside door handle (see page 20-5)
2. If so equipped, disconnect and detach the connector from the door (see page 20-4)
Remove the mounting screws, then remove the latch assembly through the hole in the door.

NOTE: Take care not to bend the rod and cable.



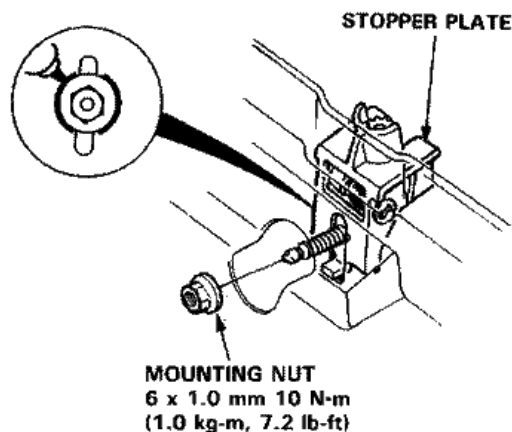
3. Installation is the reverse of the removal procedure.

NOTE: Make sure the door locks and opens properly.

Glass/Regulator Replacement

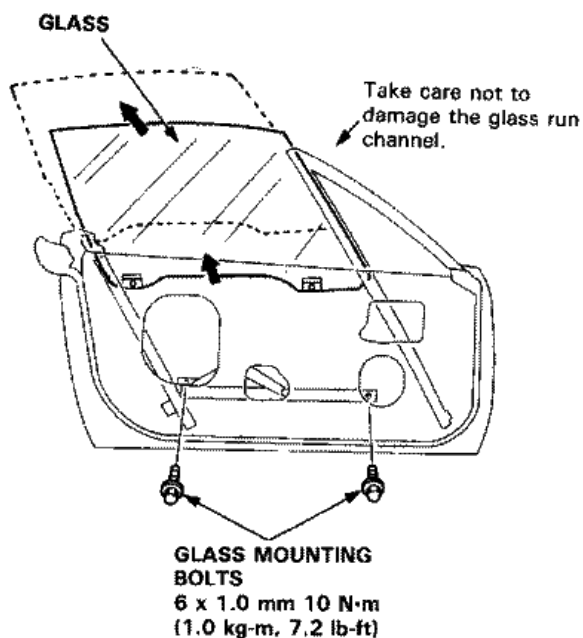
1. Remove:
 - Door panel (see page 20-3)
 - Plastic cover (see page 20-4)
 - Outer molding (see page 20-9)
2. Remove the mounting nuts, then remove the stopper plates.

NOTE: Scribe a line around the mounting nuts to show the original adjustment.



3. Move the window until you can see its mounting bolts. Carefully remove the bolts while holding the glass.
4. Carefully pull the glass out through the window slot.

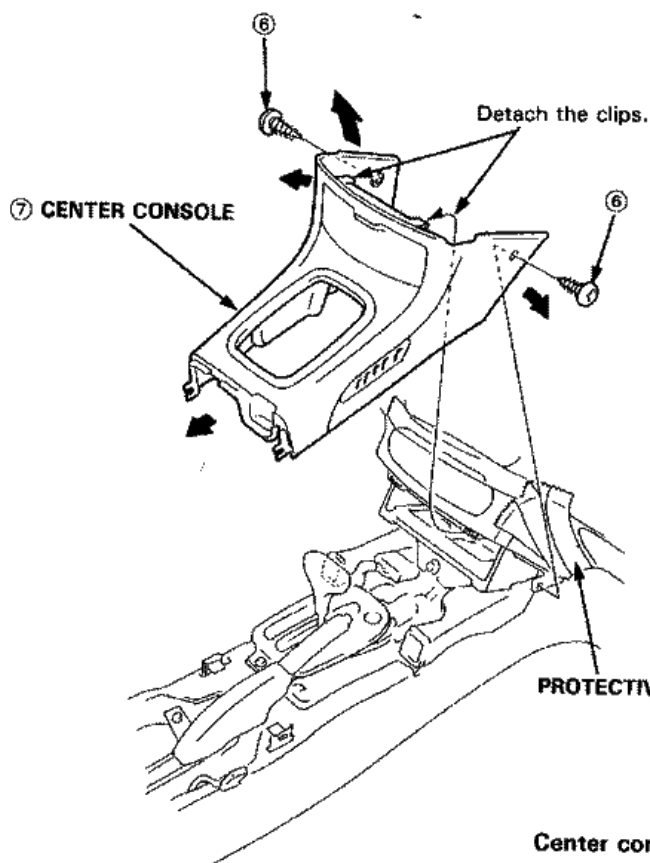
NOTE: Take care not to drop the glass inside the door.



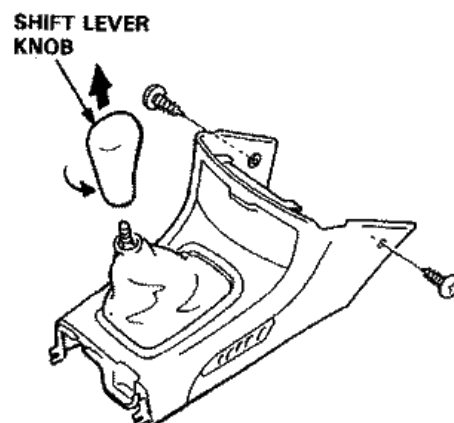
Consoles, Center and Rear

Replacement (cont'd)

Automatic transmission model:



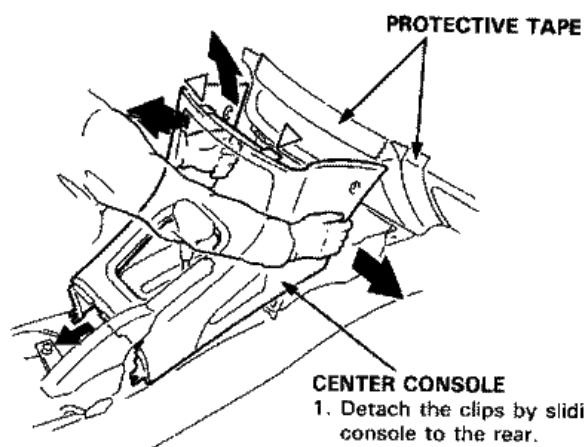
Manual transmission model:



▷: Clip locations, 2



Center console removal:



1. Detach the clips by sliding the center console to the rear.
2. Pull the sides of the center console outward.
3. Starting at the front, lift the center console up and remove it.

Installation is the reverse of the removal procedure.



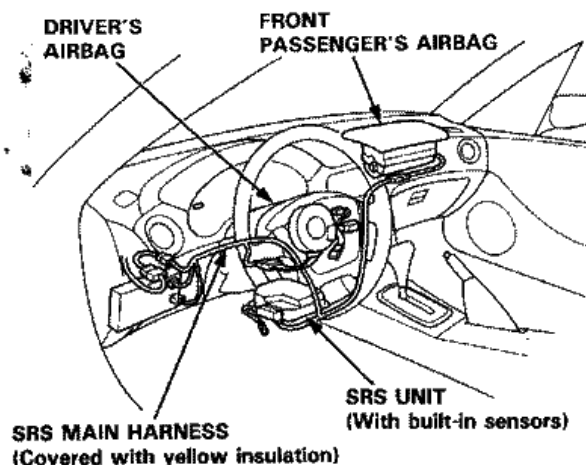
Dashboard

Component Removal/Installation

SRS wire harnesses are routed near the dashboard and steering column.

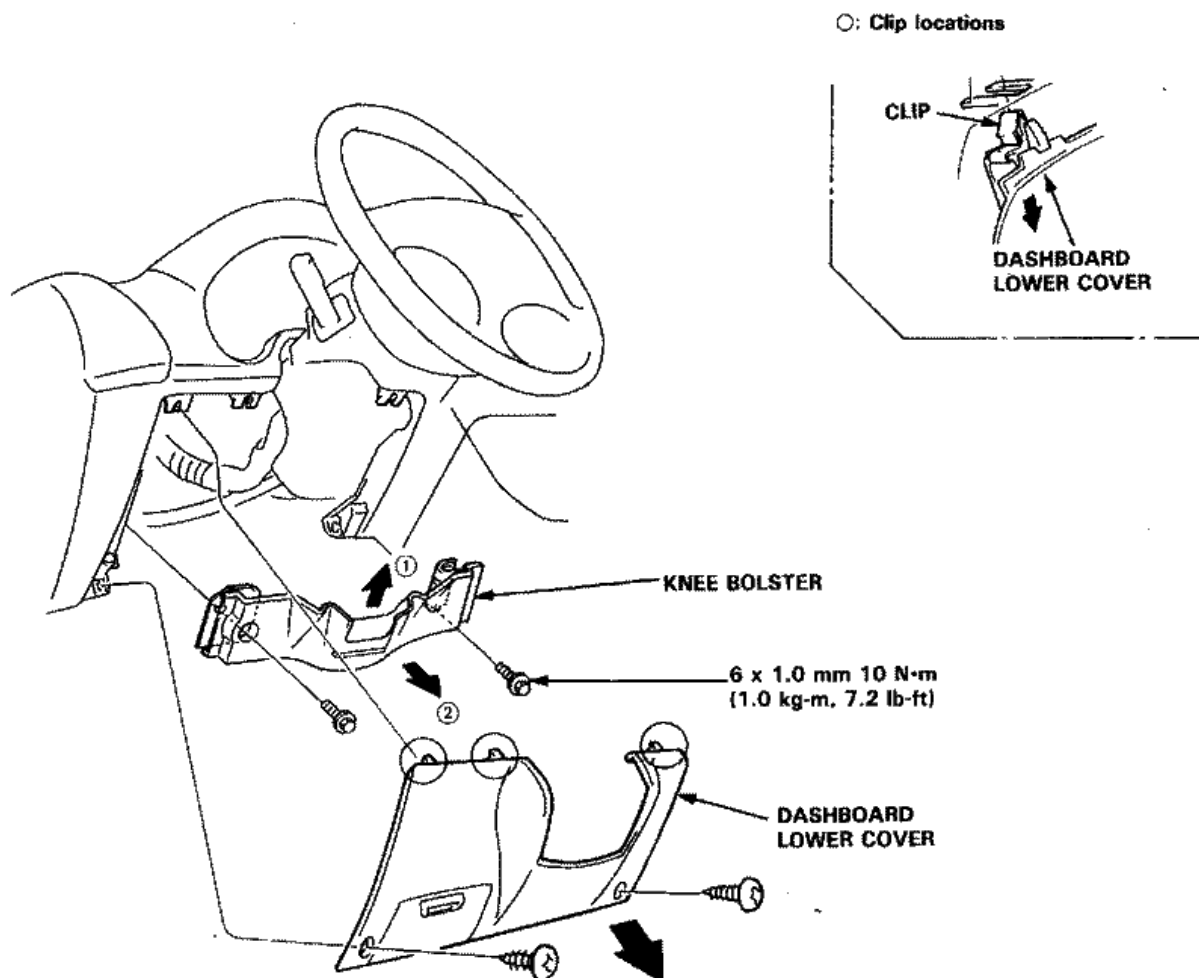
CAUTION:

- All SRS wire harnesses are covered with yellow insulation. Before you disconnect any part of an SRS wire harness, connect the short connectors.
- Whenever the ignition switch is ON (II), or has been turned OFF for less than three minutes, be careful not to bump the SRS unit; the airbags could accidentally deploy and cause damage or injuries.
- Refer to additional precautions beginning on page 23-244 in the SRS sub-section.



CAUTION: When prying with a flat tip screwdriver, wrap it with protective tape to prevent damage.

NOTE: Take care not to scratch the dashboard and related parts.



(cont'd)

Dashboard

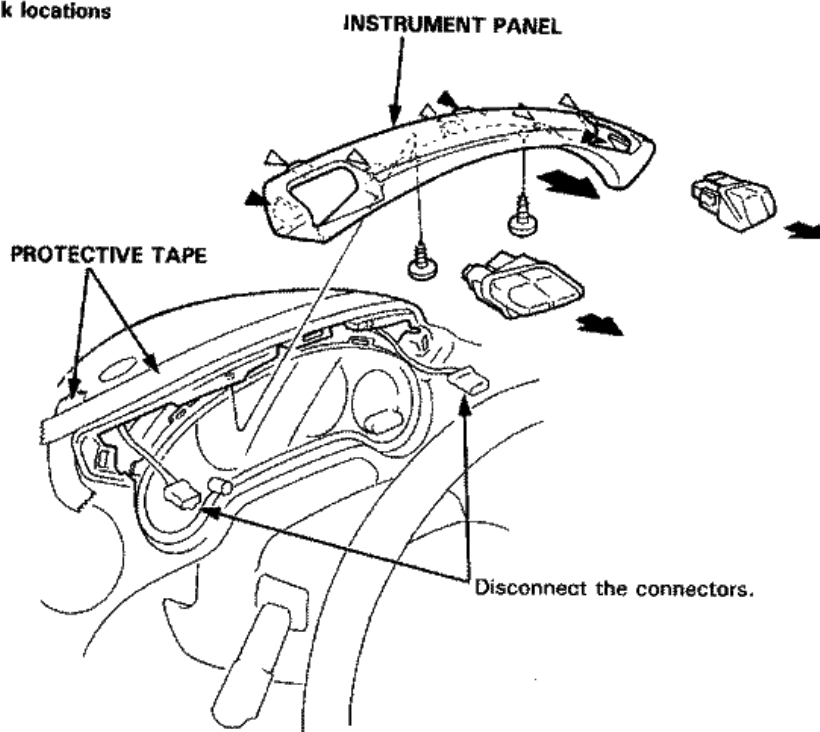
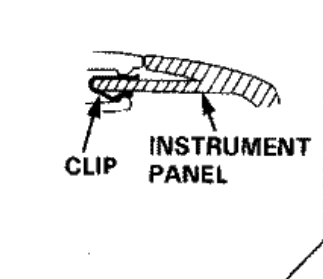
Component Removal/Installation (cont'd)

CAUTION: When prying with a flat tip screwdriver, wrap it with protective tape to prevent damage.

NOTE: Take care not to scratch the dashboard and related parts.

►: Clip locations

▷: Hook locations

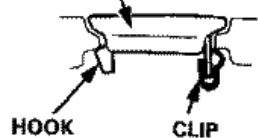


When installing, make sure the connectors are connected properly.

►: Clip locations

▷: Hook locations

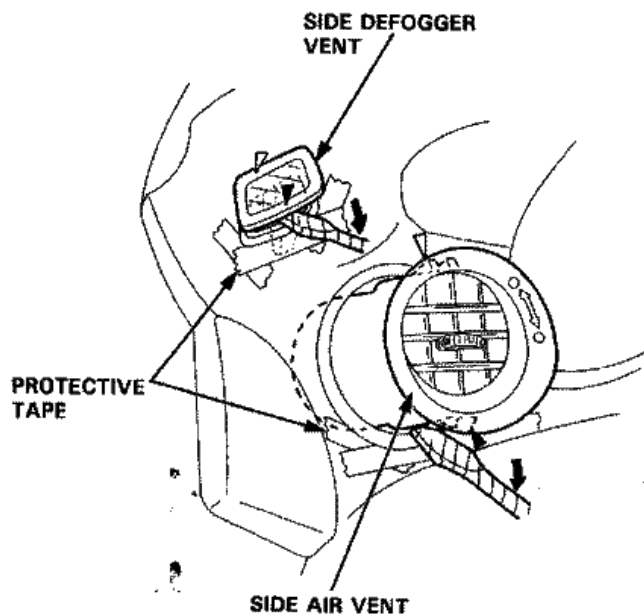
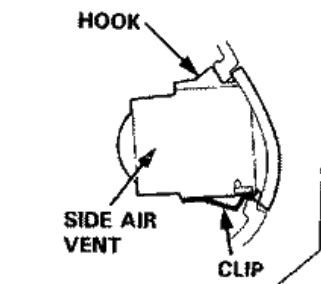
SIDE DEFOGGER VENT



HOOK

SIDE AIR VENT

CLIP





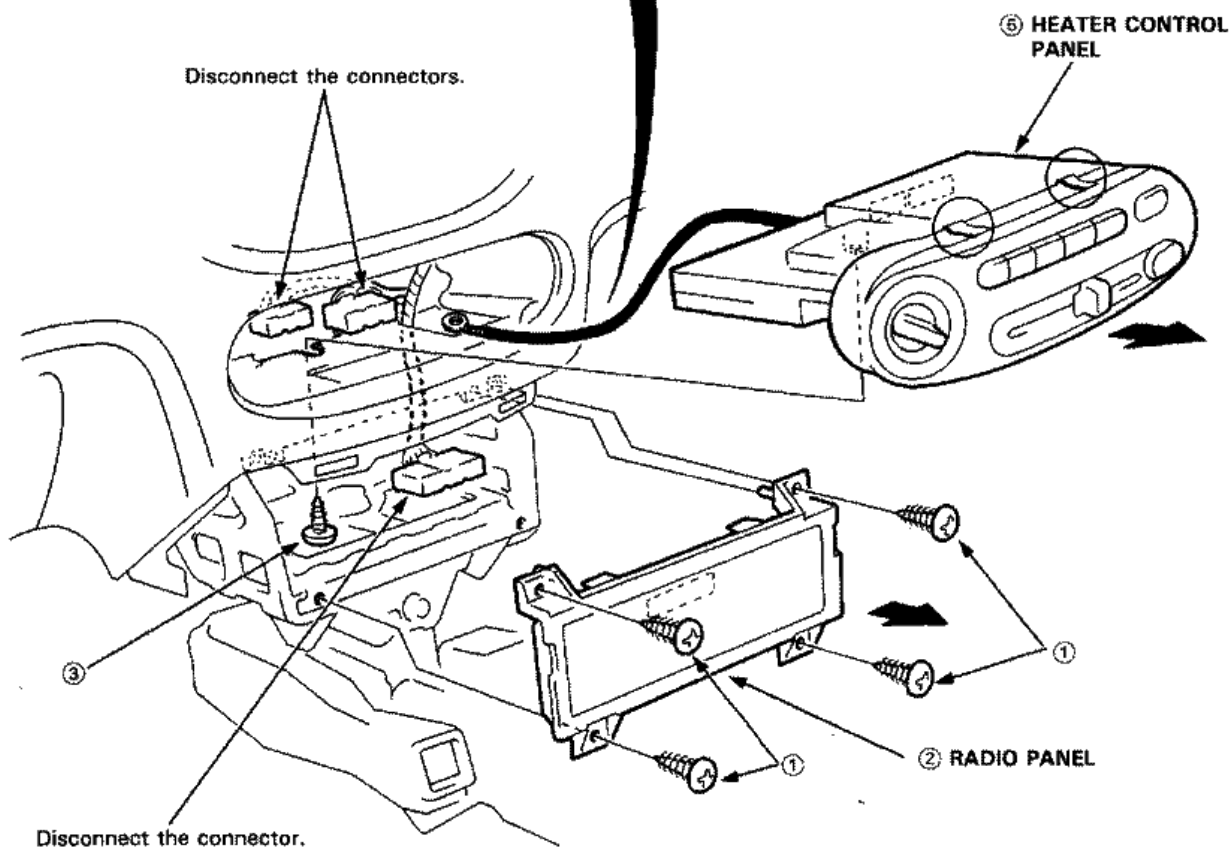
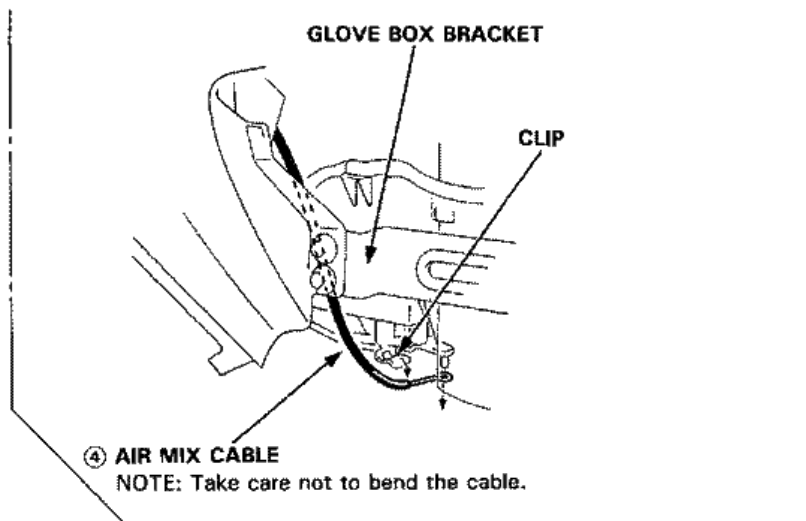
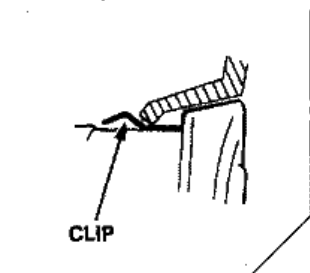
CAUTION: When prying with a flat tip screwdriver, wrap it with protective tape to prevent damage.

NOTE:

- Take care not to scratch the dashboard and related parts.
- Do not drop the screws inside the dashboard.
- Remove the center console (see page 20-60).

Disassemble in numbered sequence.

○: Clip locations



(cont'd)

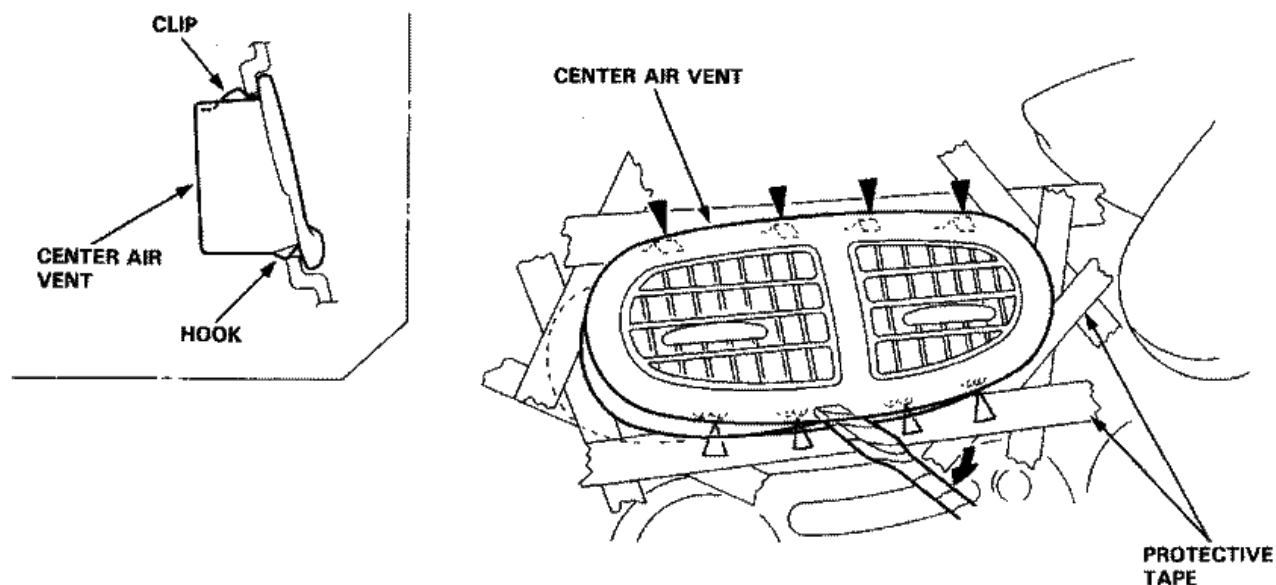
Dashboard

Component Removal/Installation (cont'd)

CAUTION: When prying with a flat tip screwdriver, wrap it with protective tape to prevent damage.

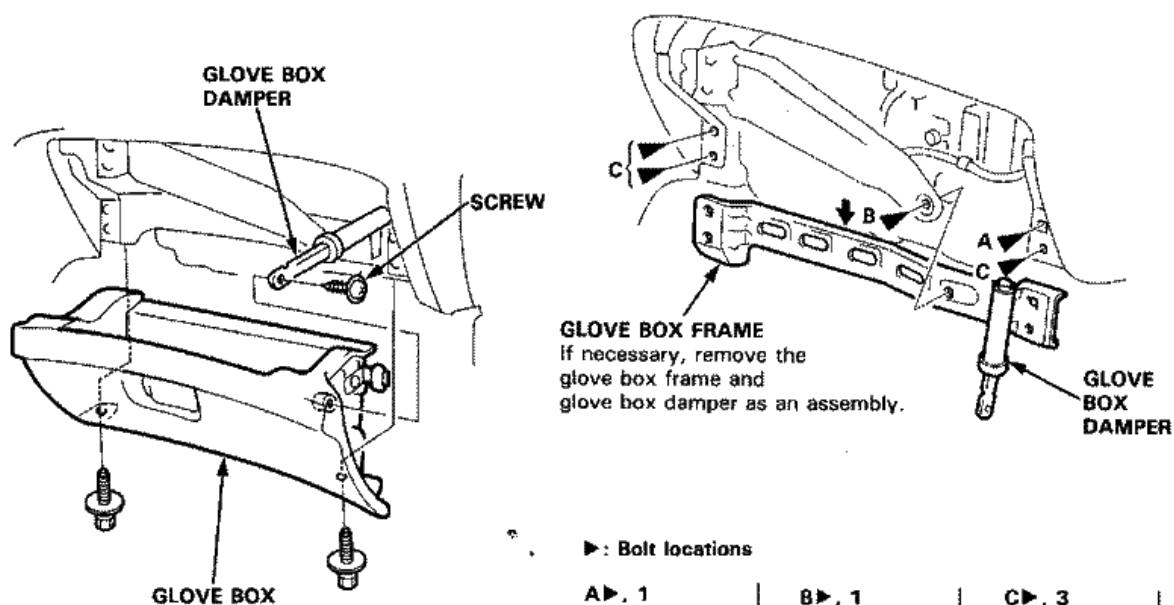
NOTE: Take care not to scratch the dashboard and related parts.

►: Clip locations ▷: Hook locations



Passenger's:

NOTE: Remove the glove box damper screw first.



►: Bolt locations

A►, 1



B►, 1



C►, 3



Installation is the reverse of the removal procedure.

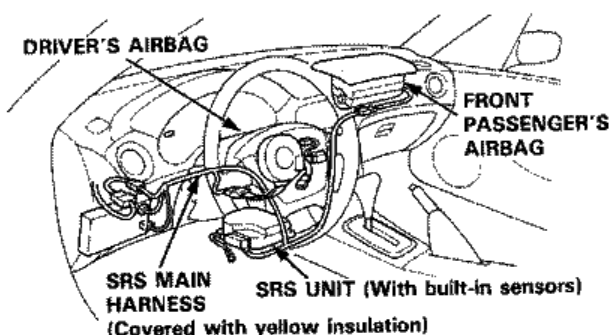


Replacement

SRS wire harnesses are routed near the dashboard and steering column.

CAUTION:

- All SRS wire harnesses are covered with yellow insulation. Before you disconnect any part of an SRS wire harness, connect the short connectors.
- Whenever the ignition switch is ON (II), or has been turned OFF for less than three minutes, be careful not to bump the SRS unit; the airbags could accidentally deploy and cause damage or injuries.
- Refer to additional precautions beginning on page 23-244 in the SRS sub-section.



Before removing the dashboard:

⚠ WARNING To avoid accidental deployment and possible injury, always install the protective short connectors on the driver's and passenger's airbag connectors before working near any SRS wiring.

1. Disconnect the battery negative cable, then disconnect the positive cable.

NOTE: The original radio has a coded theft protection circuit. Be sure to get the customer's code number before

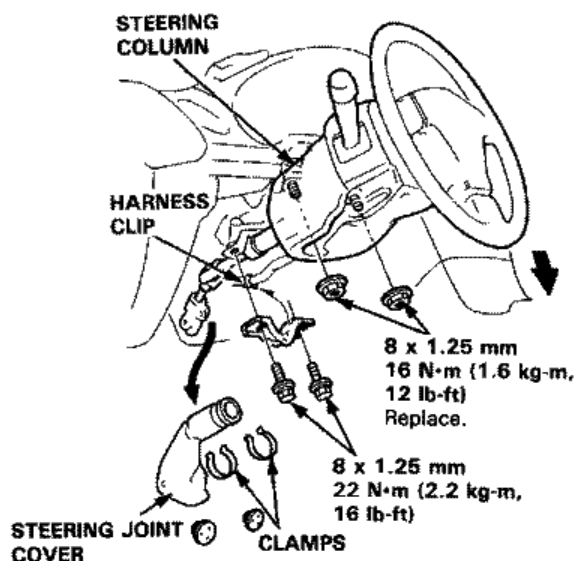
- disconnecting the battery.
- removing the No. 32 (7.5 A) fuse from the underhood fuse/relay box.
- removing the radio.

After service, reconnect power to the radio and turn it on. When the word "CODE" is displayed, enter the customer's 5-digit code to restore radio operation.

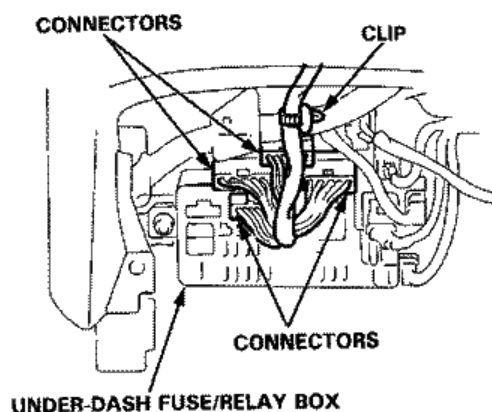
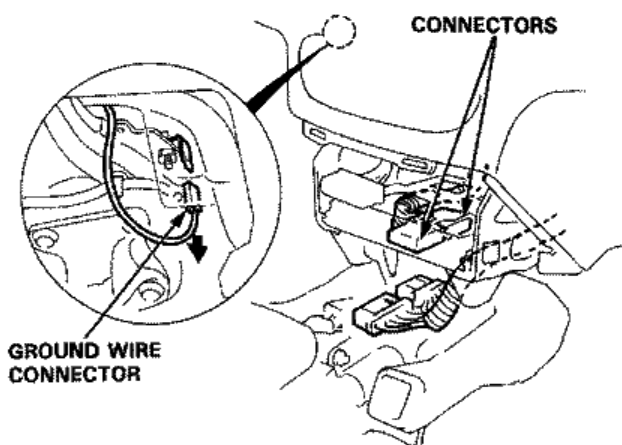
2. To remove the dashboard, first remove the:
 - Seats (see page 20-51)
 - Center/Rear console (see pages 20-59, 60)
 - Radio panel (see page 20-63)
 - Heater control panel (see page 20-63)
 - Dashboard lower cover (see page 20-61)
 - Knee bolster (see page 20-61)
 - Glove box (see page 20-64)

3. Lower the steering column (see section 17).

NOTE: To prevent damage to the steering column, wrap it with a shop towel.



4. Disconnect the connectors and clip.



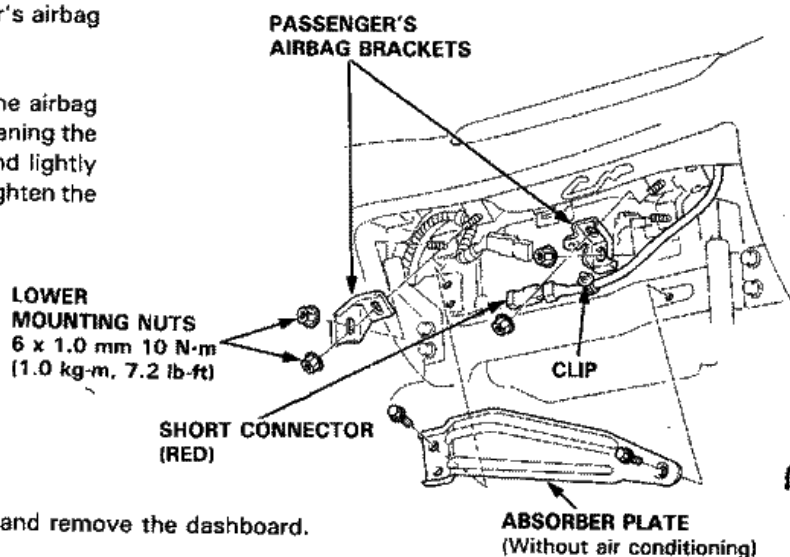
(cont'd)

Dashboard

Replacement (cont'd)

5. Remove the absorber plate and passenger's airbag brackets.

NOTE: If there is some space between the airbag assembly lid and the dashboard after tightening the nuts, loosen the lower mounting nuts, and lightly press down the airbag assembly. Then retighten the lower mounting nuts.

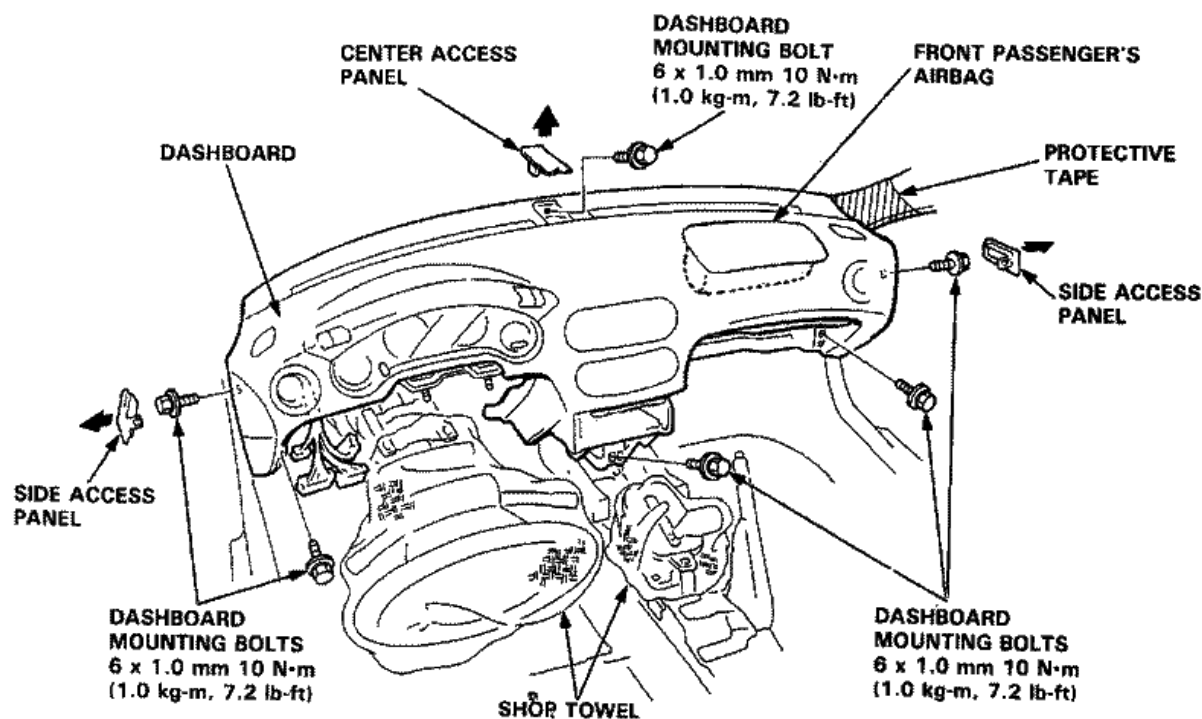


6. Remove both side access panels.
7. Remove the six mounting bolts, then lift and remove the dashboard.

CAUTION:

- Use protective tape on the bottom of the front pillar trim.
- When prying with a flat tip screwdriver, wrap it with protective tape to prevent damage.
- To prevent damage to the shift indicator panel, wrap it with a shop towel (A/T model).

NOTE: Take care not to scratch the dashboard.



8. Installation is the reverse of the removal procedure.

NOTE:

- Before tightening the dashboard bolts, make sure the dashboard wire harnesses are not pinched.
- Make sure the connectors are connected properly.



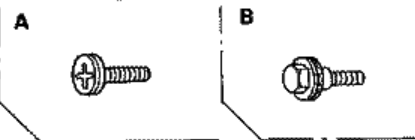
Front Bumper Replacement

NOTE:

- An assistant is helpful when removing the front bumper and front bumper beam.
- Take care not to scratch the front bumper.
- Open the hood.

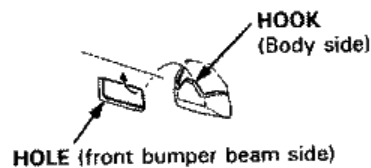
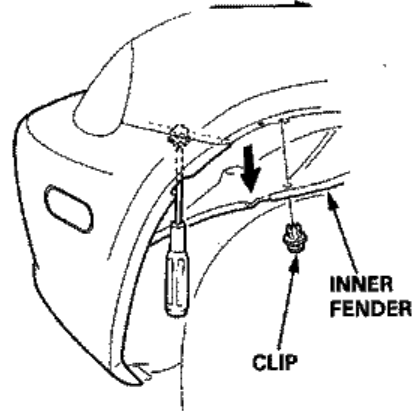
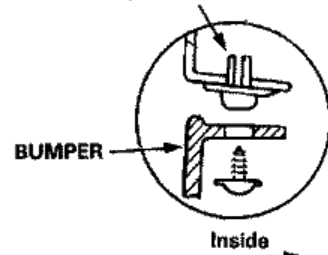
Disassemble in numbered sequence.

►: Mounting bolt, locations

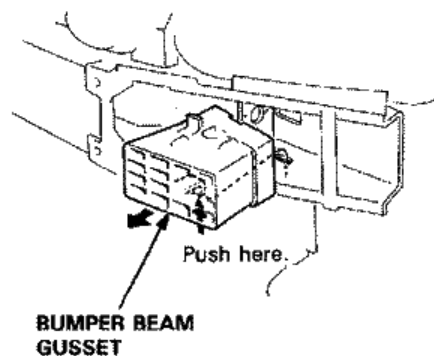
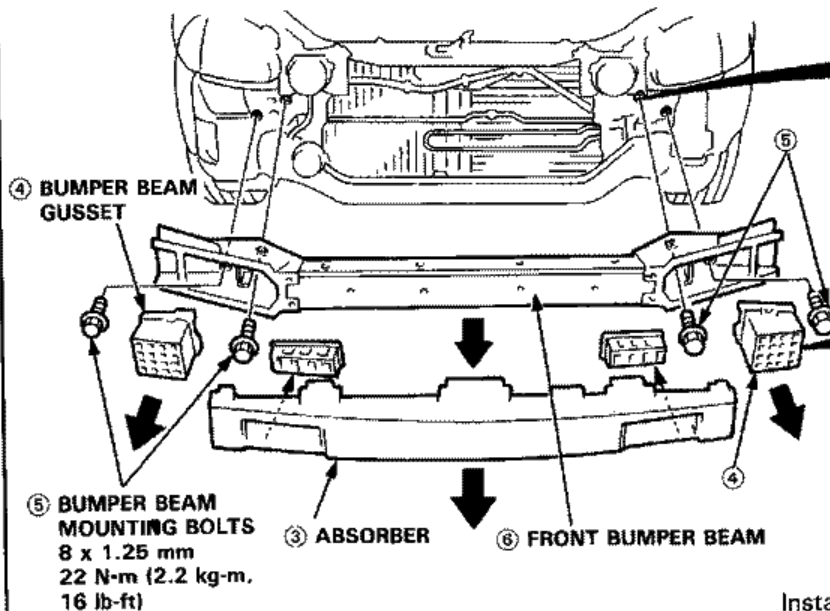
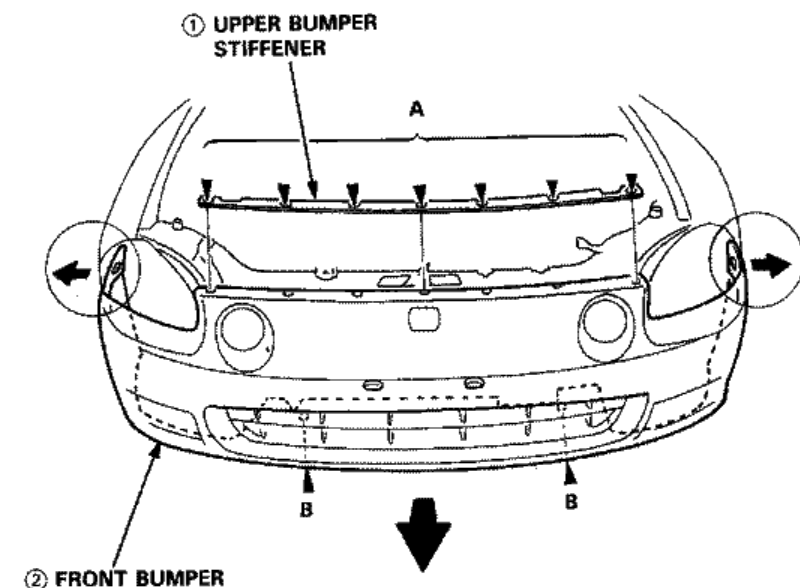


BUMPER SIDE GROMMET

NOTE: Install the grommet in the body as shown.

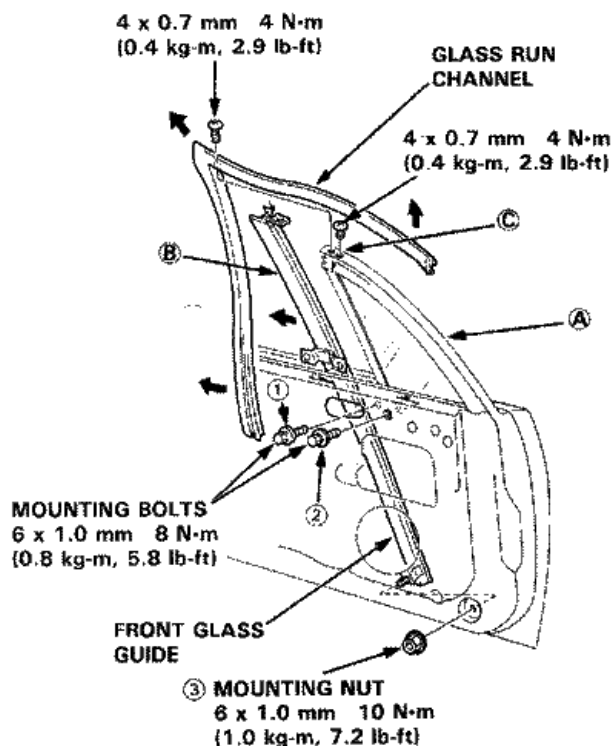


When installing the front bumper beam, slip the holes over the hooks on the body.



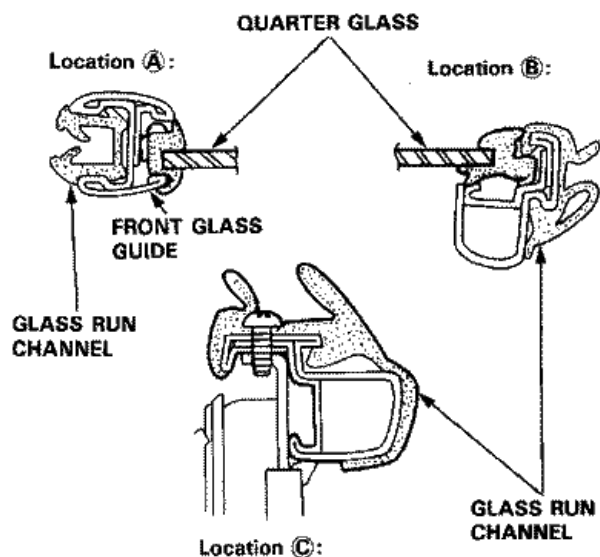
Installation is the reverse of the removal procedure.

5. Remove the mounting screw, then remove the glass run channel.
6. Remove the mounting screw, nut and bolts. Slide the front glass guide to the rear, then remove it.



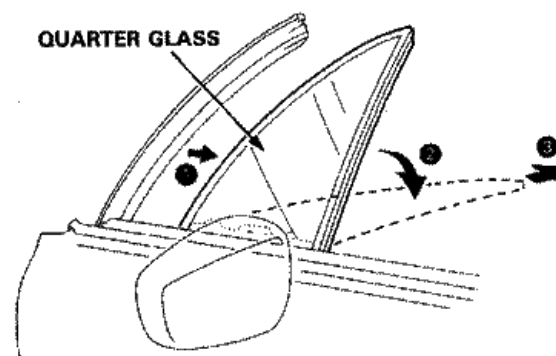
NOTE:

- When installing the glass run channel, take care not to twist it. Make sure the glass run channel is fastened securely as shown.

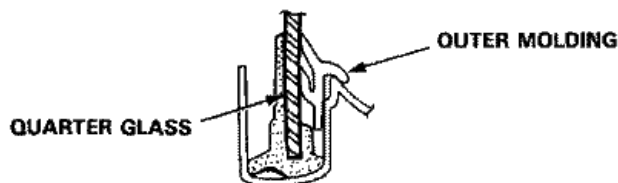


- When installing the front glass guide, tighten the mounting screw, then install the mounting bolt ① temporarily. Align the front glass guide properly, then tighten the mounting bolts ①, ②, ③.

7. Remove the quarter glass as shown.

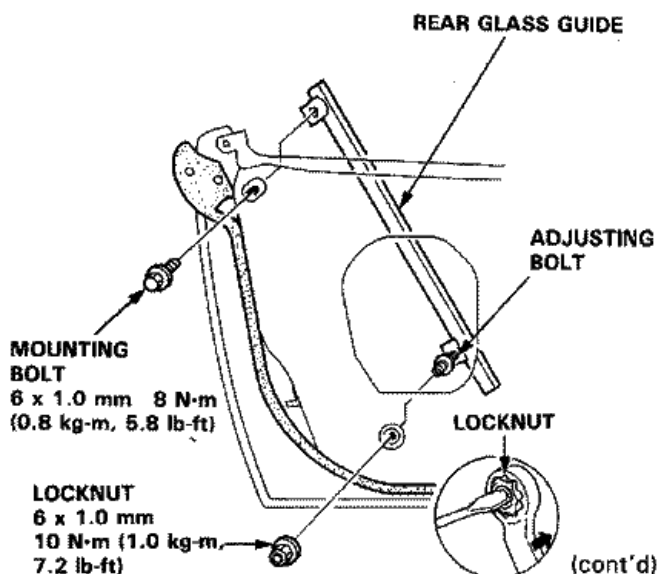


NOTE: When installing the quarter glass, set it properly.



8. Remove the locknut, then remove the rear glass guide.

NOTE: Hold the adjusting bolt with a flat tip screwdriver when removing the locknut.

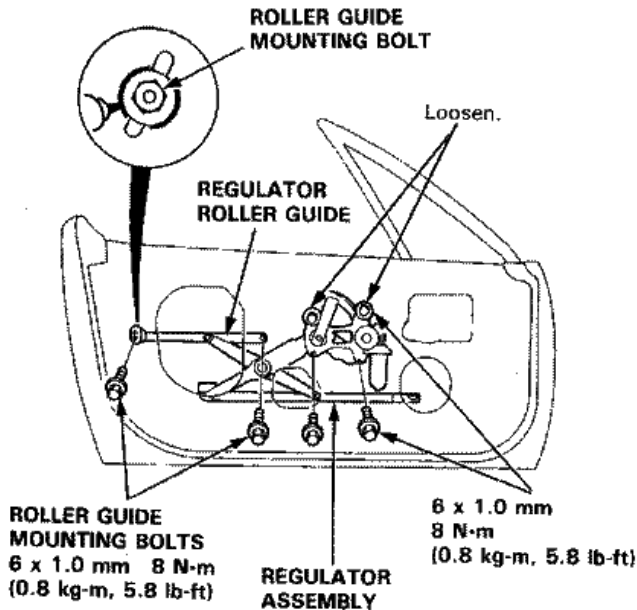


Doors

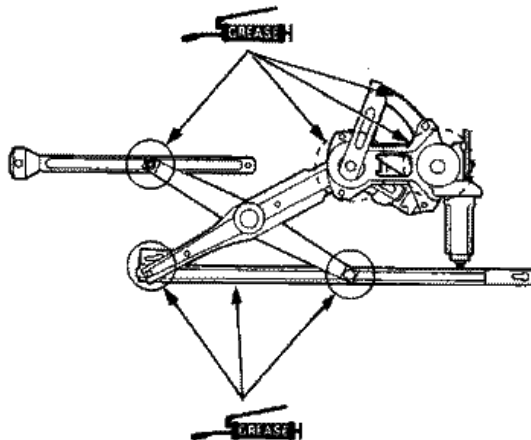
Glass/Regulator Replacement (cont'd)

9. Remove the two mounting bolts, two roller guide bolts and loosen the two motor bolts. Disconnect the connector. Remove the regulator assembly through the center hole in the door.

NOTE: Scribe a line around the roller guide mounting bolt to show the original adjustment.



10. Grease all the sliding surfaces of the window regulator where shown.
11. Before removing the motor, mark the location by scribing a line across the sector gear and regulator. Install using the three mounting bolts. Move the window regulator to the original position by connecting a 12 V battery to the motor (see section 23).



12. Installation is the reverse of the removal procedure.

13. Roll the glass up and down to see if it moves freely without binding. Also make sure that there is no clearance between the glass and glass run channel when the glass is closed. Adjust the position of the glass as necessary (see page 20-10).

14. Attach the wire harness to the door correctly (see page 20-4).

15. When reinstalling the plastic cover, apply adhesive along the edge where necessary to maintain a continuous seal and prevent water leaks (see page 20-4).

16. After installation, check for water leaks.

NOTE:

- Spray water over the roof.
- Do not spray directly on the sealing area and do not use high-pressure water.

Rear Roof Rail Trim/Center Pillar Trim Panels

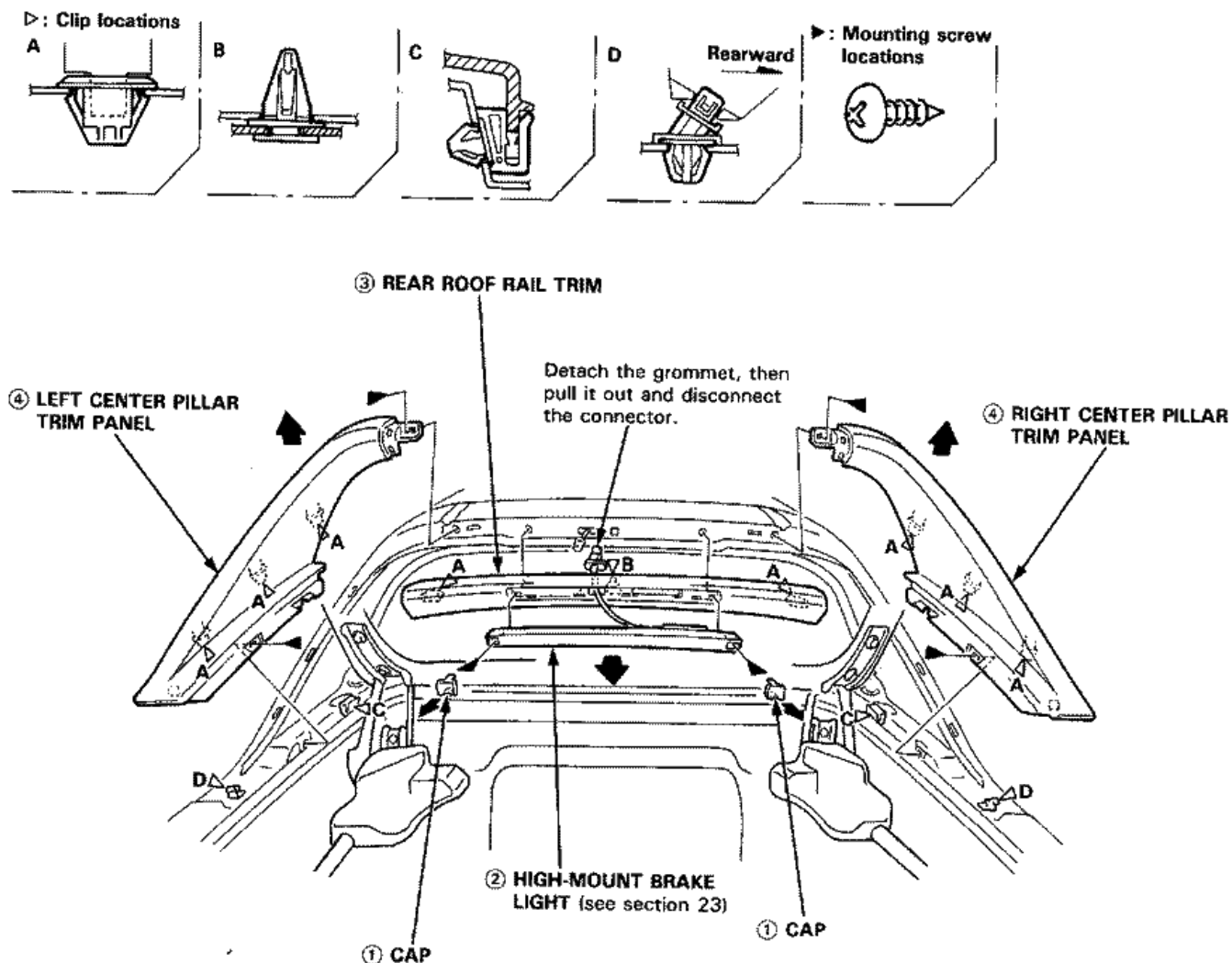
Replacement

CAUTION: When prying with a flat tip screwdriver, wrap it with protective tape to prevent damage.

NOTE:

- Take care not to scratch the panels and trim.
- When removing the lower mounting screw of the center pillar trim panel, open the trunk lid fully.

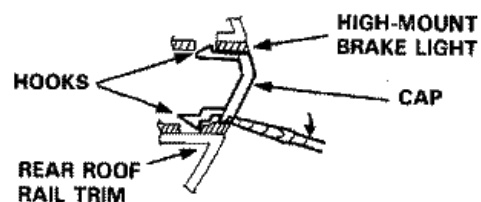
Disassemble in numbered sequence.



Installation is the reverse of the removal procedure.

NOTE:

- If necessary, replace any damaged clips.
- Make sure the connector and grommet are connected properly.



NOTE: Do not snap the hooks.

Outer Molding Replacement

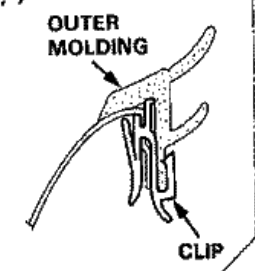
NOTE: Lower the glass fully.

1. Remove the door panel (see page 20-3).
2. Peel the weatherstrip from the corner of the door.
3. Remove the clip and mounting screw.
4. Starting at the rear, pry the molding up and detach the clips, then remove the molding.

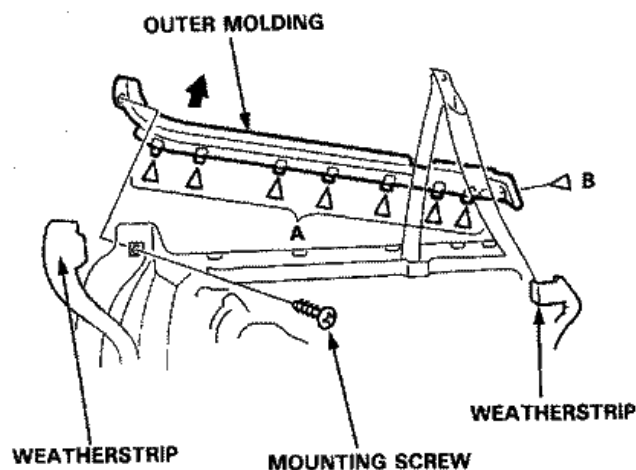
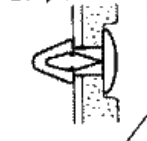
NOTE: Take care not to twist or scratch the molding.

▷: Clip locations

A▷, 7



B▷, 1



5. Installation is the reverse of the removal procedure.

NOTE: If necessary, replace any damaged clips.

Weatherstrip Replacement

▷: Clip locations

A, 1



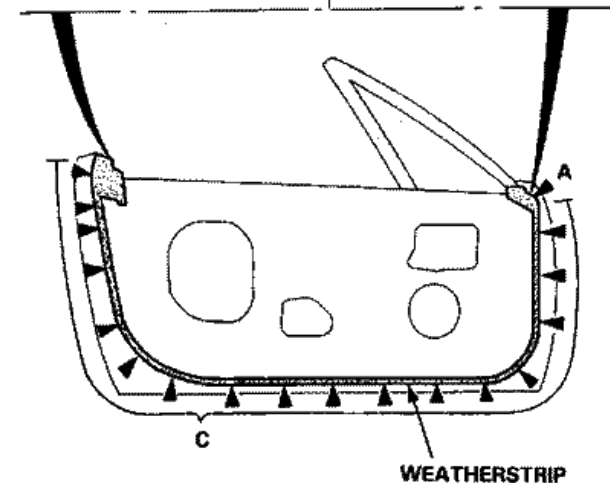
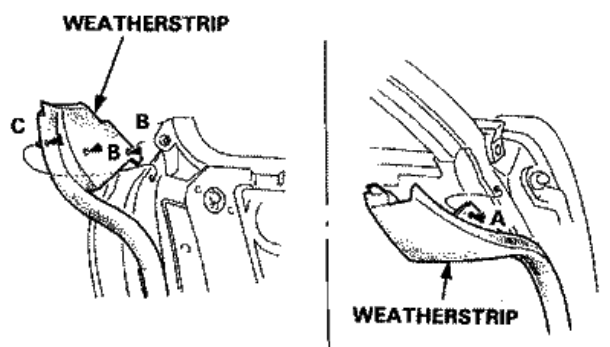
B, 2



C, 18



NOTE: When removing the clip, use a clip remover.

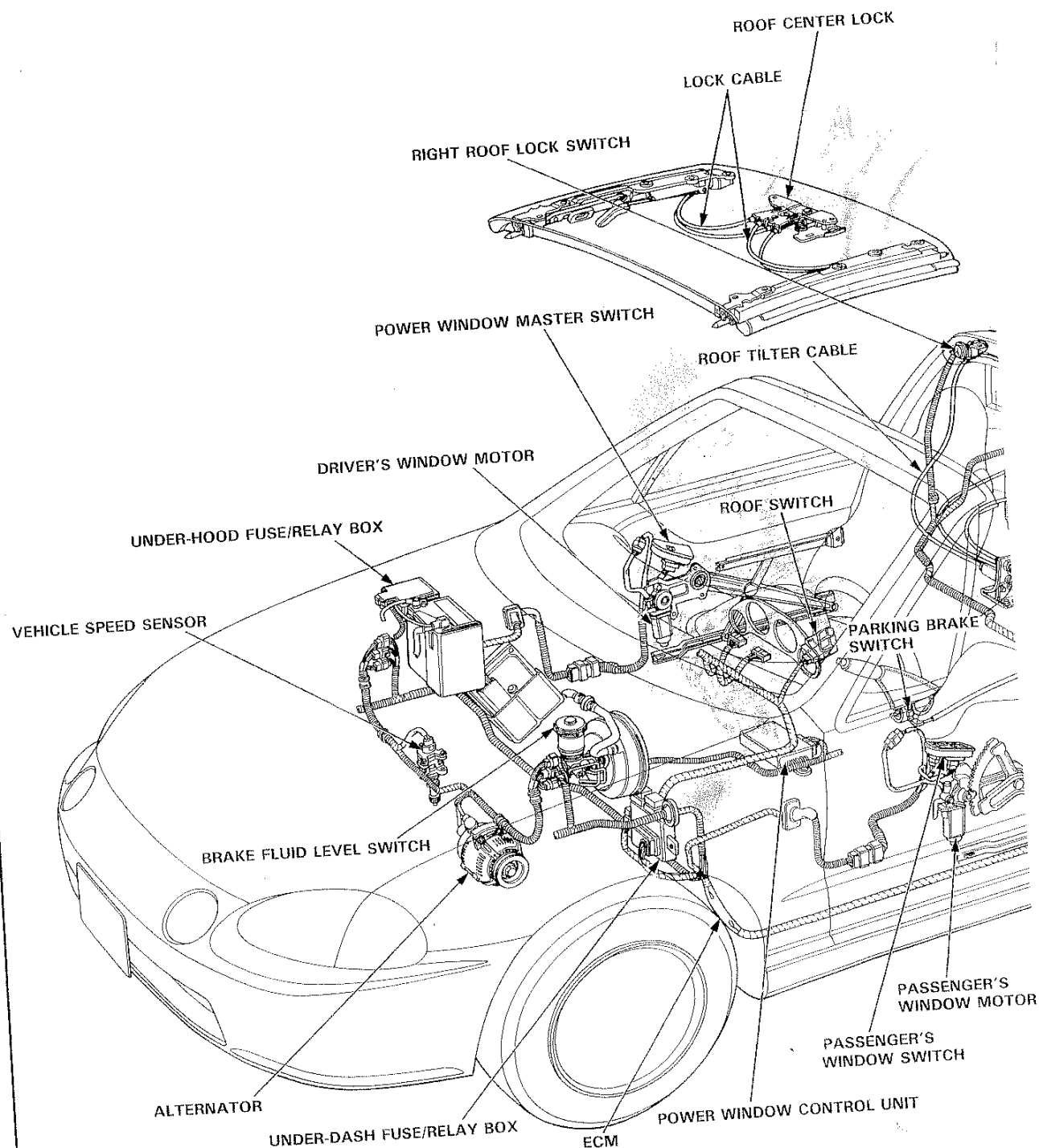


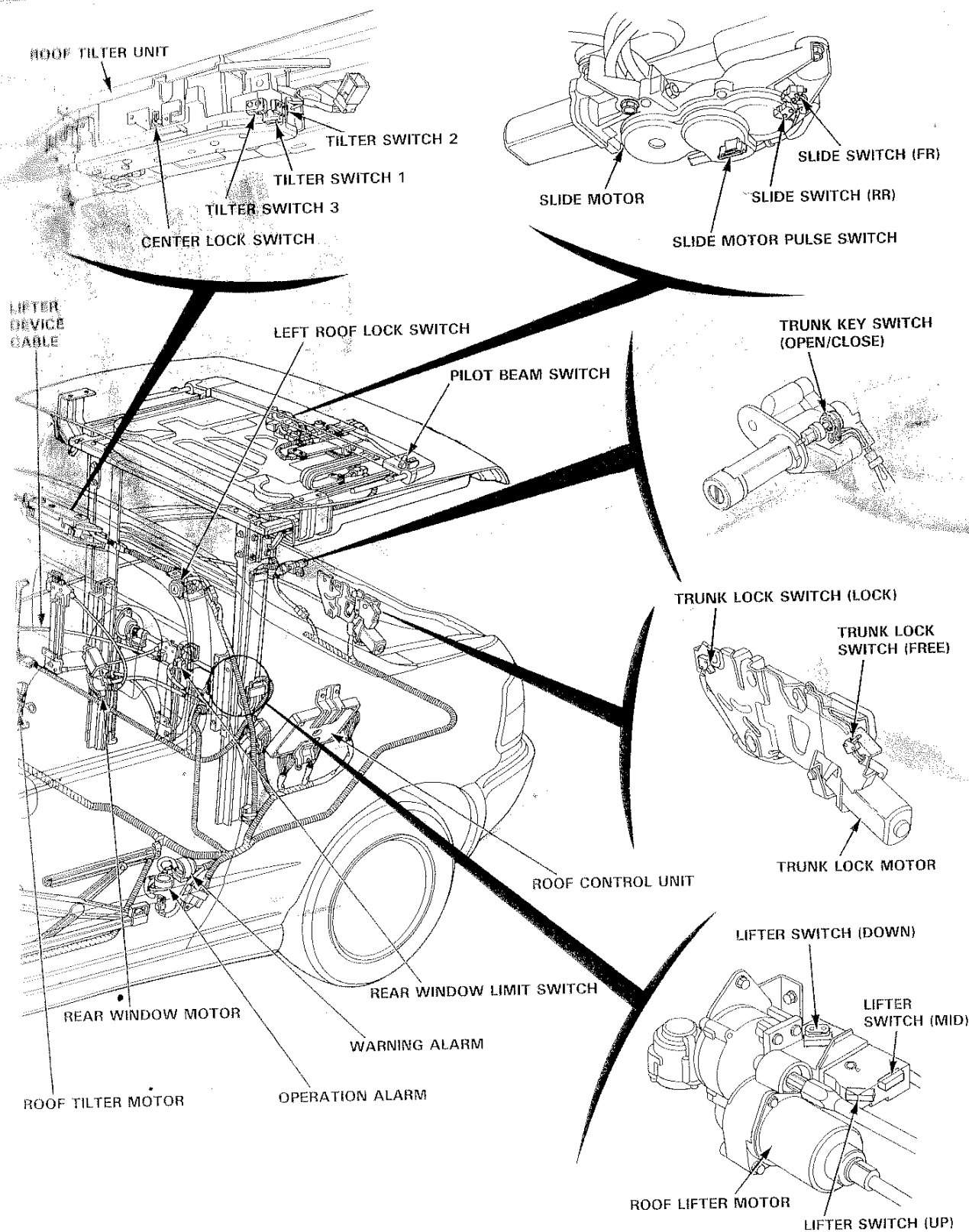
NOTE:

- If necessary, replace any damaged clips.
- Check for water leaks.
- Spray water over the roof.
- Do not spray directly on the sealing area and do not use high-pressure water.

Power Roof

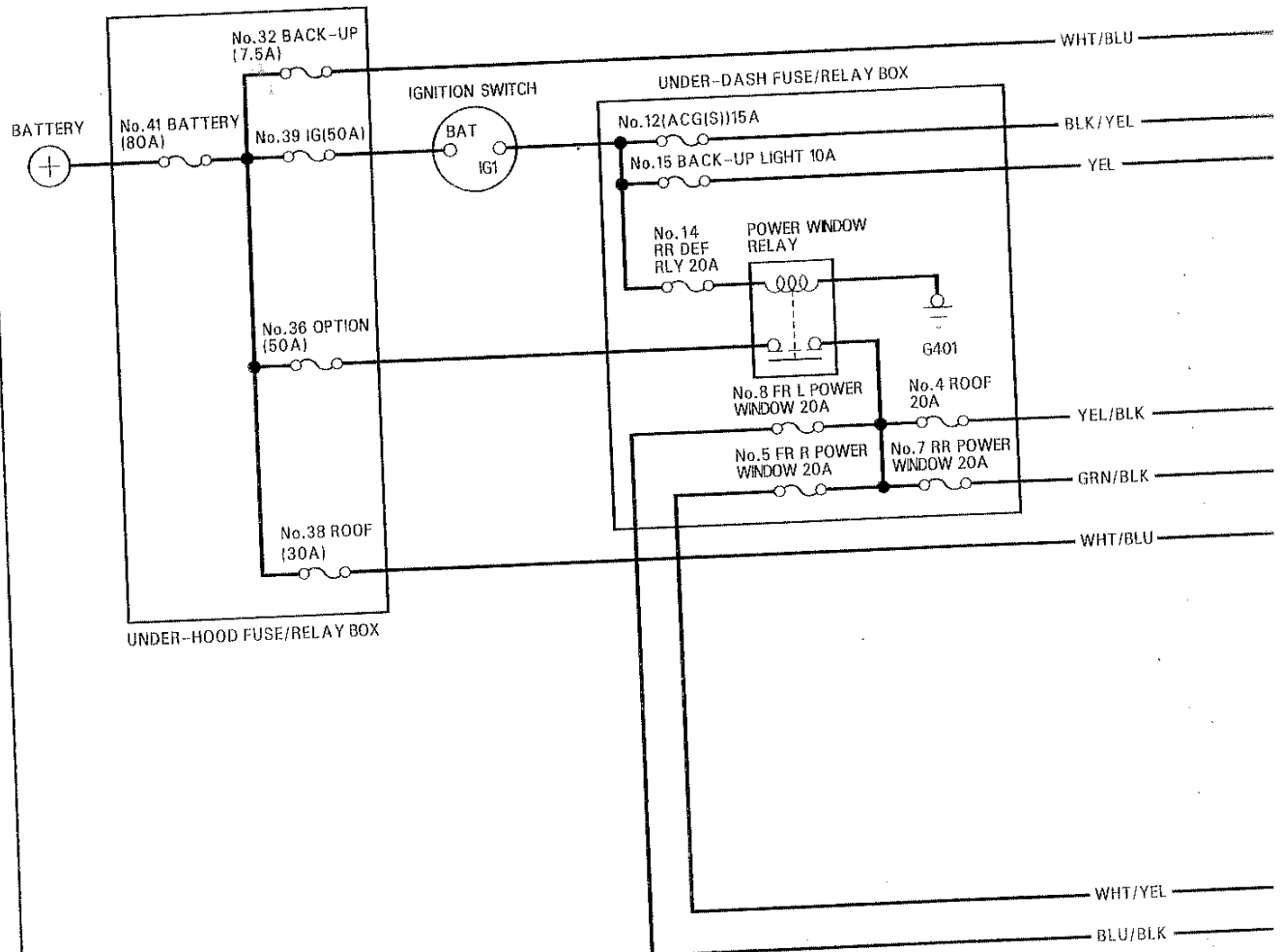
Component Location Index





Power Roof

Circuit Diagram



8	7	6	5	4	3	2	1
16	15	14	13	12	11	10	9

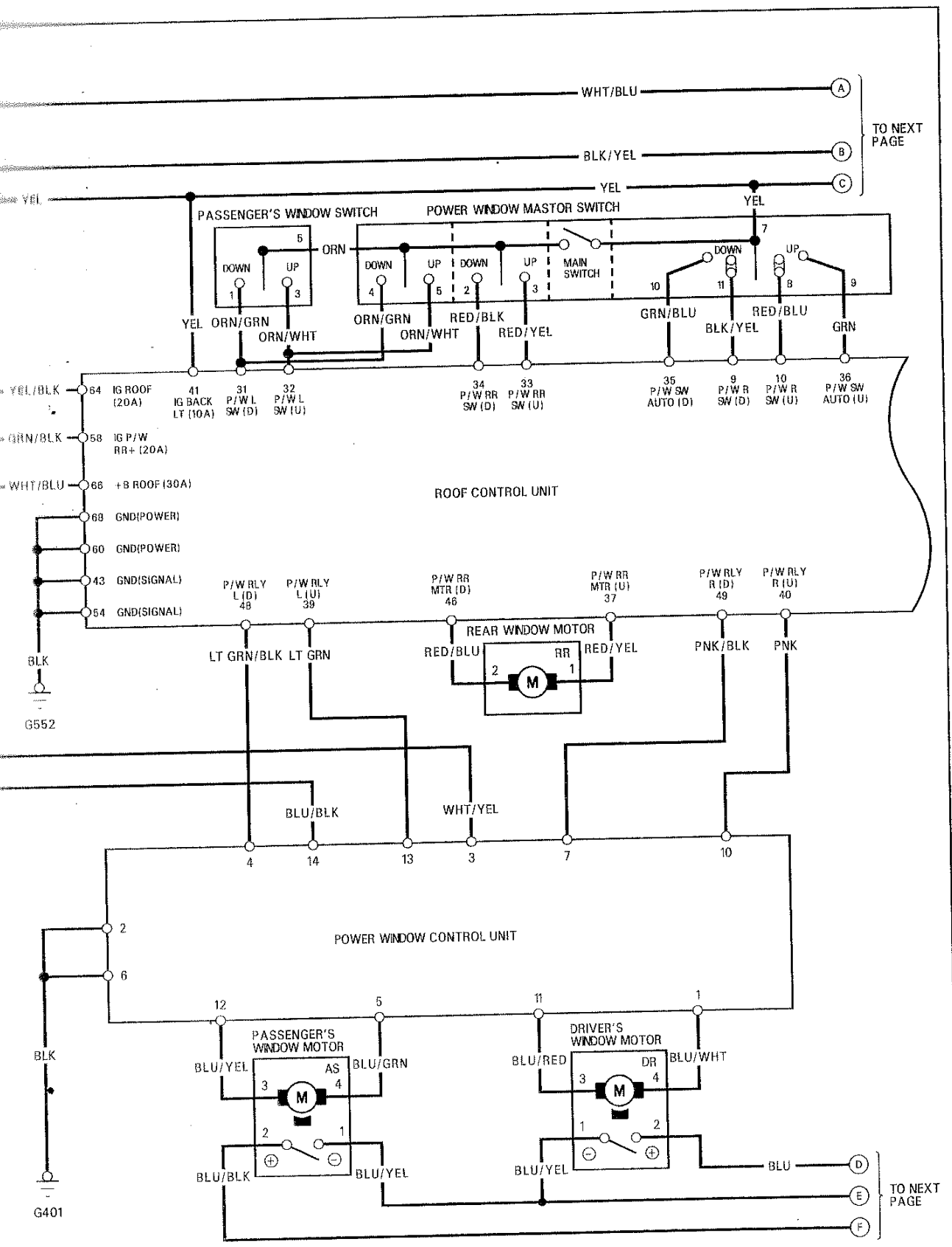
26	25	24	23	22	21	20	19	18	17
36	35	34	33	32	31	30	29	28	27

45	44	43	42			41	40	39	38	37
56	55	54	53	52	51	50	49	48	47	46

58		57
61	60	59

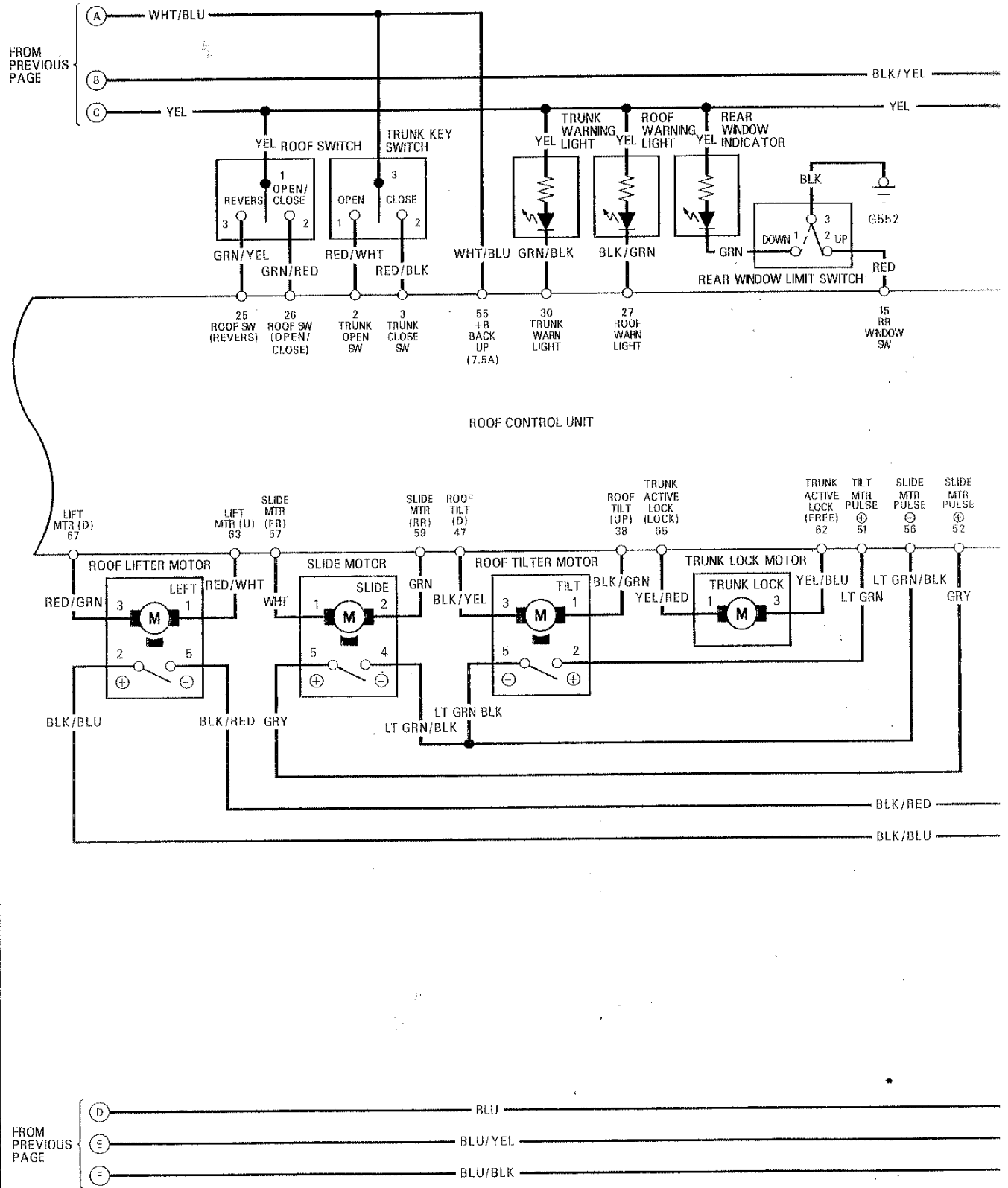
64	63		62
68	67	66	65

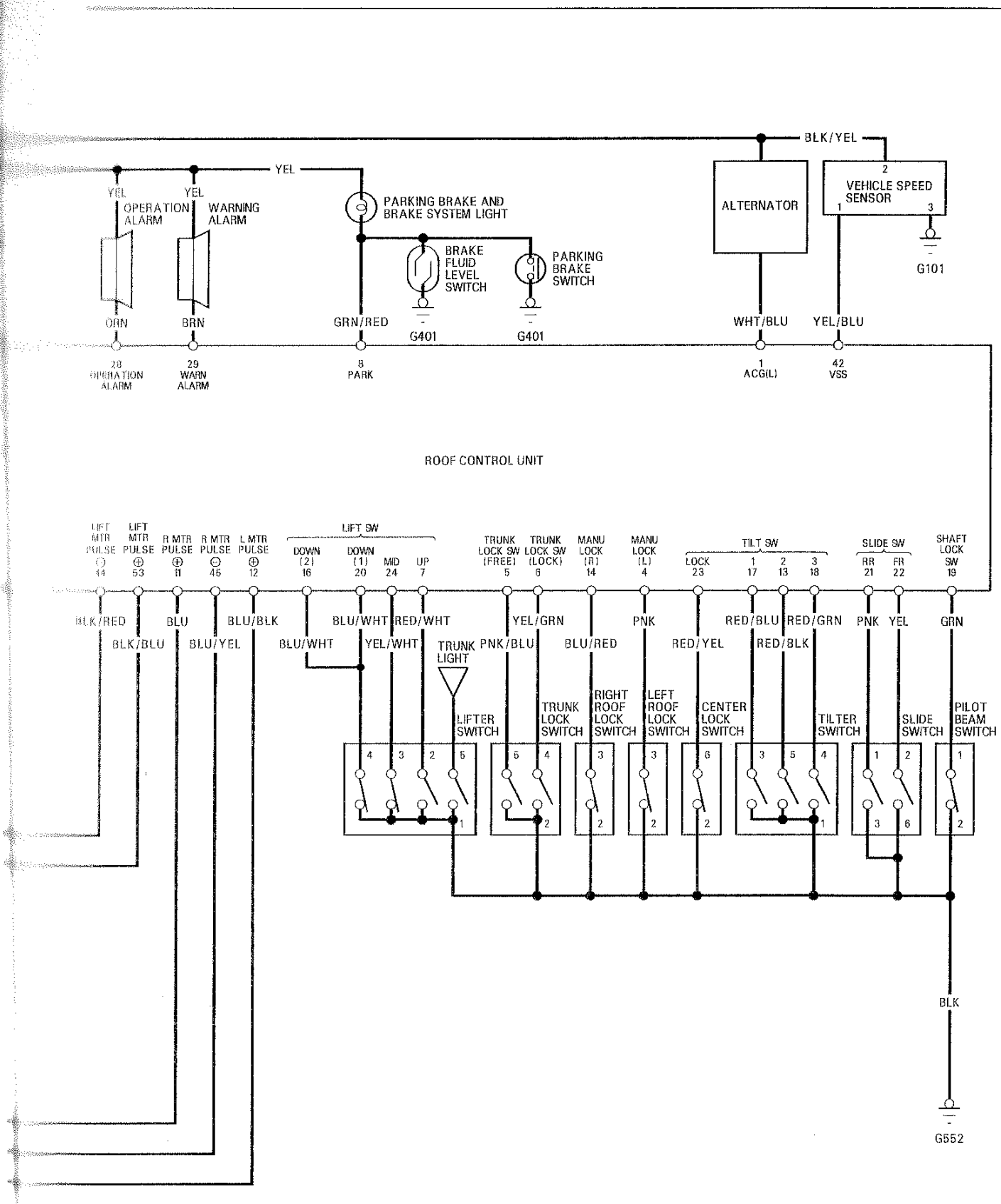
ROOF CONTROL UNIT TERMINAL SIDE



Power Roof

Circuit Diagram





Power Roof

Self-Diagnostic Procedures

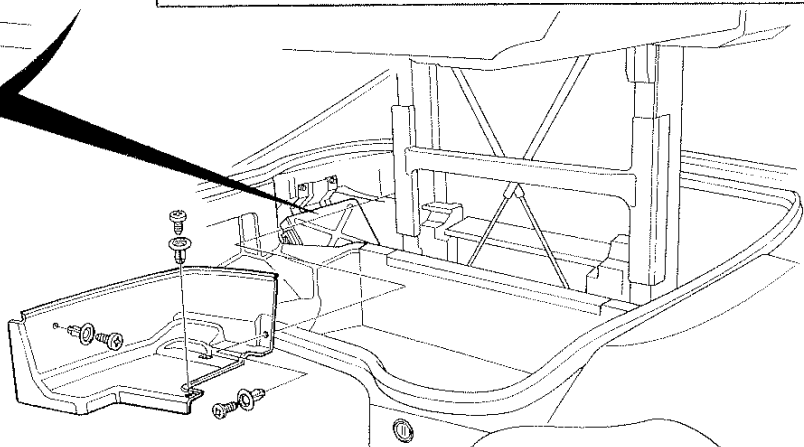
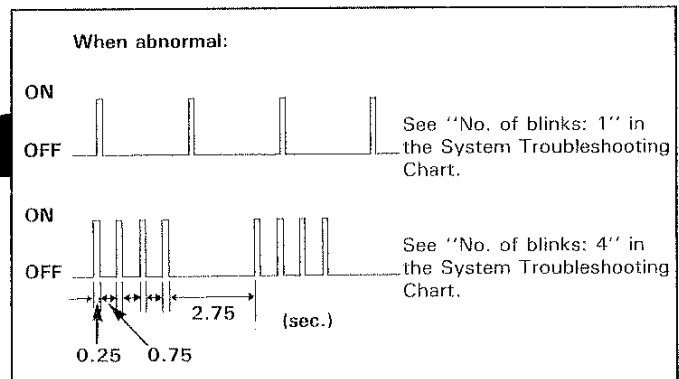
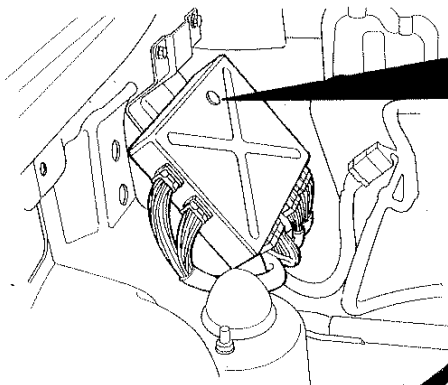
- The roof control unit has the self-diagnosis function that blinks the self-diagnosis light on the control unit body when it detects abnormality with the control unit input and output systems.
- The self-diagnosis light blinks to indicate a trouble in the system. The problem part can be detected by the number and pattern of the blinks.
- When troubleshooting following the System Troubleshooting Chart, perform the followings.
 - 1. Operation procedure
 - 2. To light self-diagnosis light
 - 3. Reset of roof control unit
 - 4. Operation after troubleshooting
 - 5. Service tipPerform the above operations as described below and in the following page.

— 1. Operation procedure

1. Check the self-diagnosis light for the number of blinks.
2. Reset the roof control unit.
3. Be sure that the power roof is fully closed (or fully opened) and operate the roof switch to open (or close) the power roof.
4. If the power roof does not open or close properly, check the self-diagnosis light for the number of blinks again. (If the power roof opens or closes properly, it indicates operation error or poor connection of the connector.)
5. Refer to the Self-Diagnosis Procedure for the number of blinks and troubleshoot following the Flow Chart. (When the number of blinks after reset differs from the number of blinks before reset, take the number of blinks after reset for troubleshooting.)

— 2. To light self-diagnosis light

1. Open the trunk lid. (See Emergent Operation, page 20-244.)
2. Remove the lining from the left side of the boot.
3. Turn the ignition switch ON. (Do not start the engine.)
4. Record the number of blinks of the self-diagnosis light on the roof control unit body.





- The self-diagnosis light blinks only when the ignition switch is ON. The light goes OFF when the ignition switch is turned OFF. The problem is stored in the control unit this time and the self-diagnosis light blinks again when the ignition switch is turned ON.
- The roof control unit stores and indicates the latest problem code.
- With the ignition switch turned ON, the roof control unit displays the problem code repeatedly at intervals of approximately 3 seconds.

CAUTION:

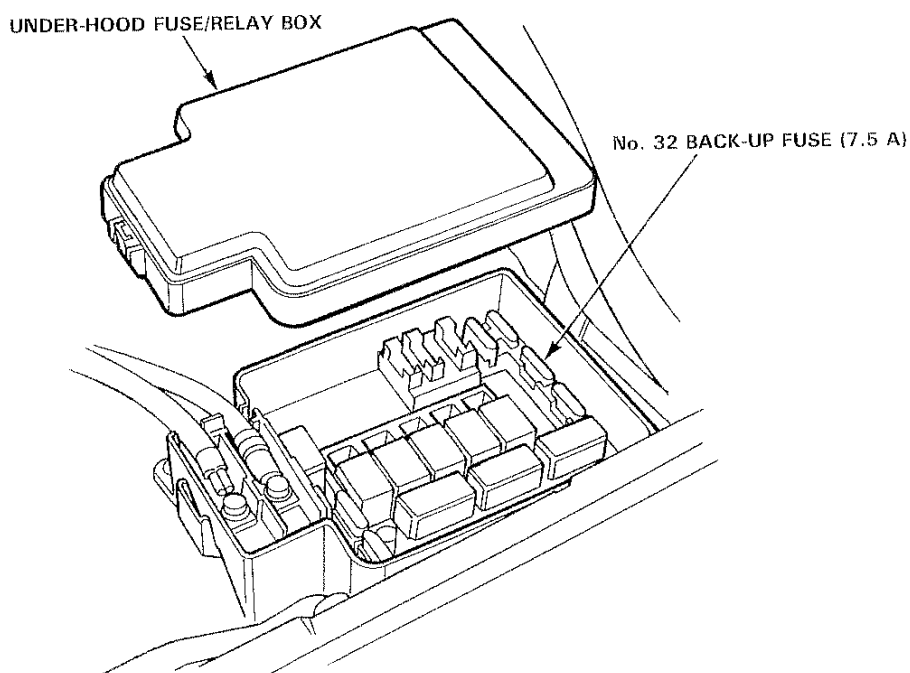
- Record the number of blinks before troubleshooting.
- Do not disconnect the control unit before retrieving the problem code, or the stored problem code can be erased.

3. Reset of roof control unit

1. Turn the ignition switch OFF.
2. Disconnect the back-up fuse (7.5 A) in the under-hood fuse/relay box for more than 10 seconds to reset the roof control unit.

CAUTION:

- The back-up fuse stored in the under-hood fuse/relay box is for reset of the ECM. Before resetting the roof control unit, be sure to record the number of blinks of the ECM.



- 4. Operation after troubleshooting
1. Reset the roof control unit.
 2. Set the clock and tune into a radio station.
- 5. Service tip

CAUTION:

- Do not open/close the power roof while driving.

NOTE:

- Do not try to open/close the power roof when it is iced by snow or at extreme low temperature.
- Do not open/close the wet power roof after rain or snow or cleaning with water.
- Do not open/close the power roof when the car is raised by using the safety stands.

(cont'd)

Power Roof

Self-Diagnostic Procedures

SELF-DIAGNOSIS INDICATOR BLINKS	SYSTEM INDICATED	RELATED COMPONENTS	PAGE
	The Roof Warning light, Trunk Warning light and the Rear Window indicator light do not come on	- Fuse - Ground - Gauge assembly	20-176
	Roof Warning light, Trunk Warning light or Rear Window indicator does not go off	Gauge assembly	20-180
	The Operation Alarm or Warning Alarm does not sounding	- Warning Alarm - Operation Alarm	20-182
	The Operation Alarm or Warning Alarm does not stop sounding	- Warning Alarm - Operation Alarm	20-185
	The Power Roof can be opened/close while driving	- Vehicle Speed sensor - Parking brake switch	20-186
	Trunk lid cannot open/close using the ignition key	Trunk key Switch	20-188
	The Power Window does not open/close	- Fuse - Driver's window motor - Power window master switch - Power window control unit - Power window relay - Passenger's window switch - Passenger's window motor	20-190
	The Power Roof does not operate (Problem code 0)	- Trunk key switch - Roof switch - Power window switch	20-196
1 	Power Roof does not operate	- Lifter switch - Roof lifter motor - Mechanical system of lifter unit	20-200
2 	Power Roof does not operate	- Slide switch - Slide motor - Mechanical system of roof slider unit	20-204
3 	Power Roof does not operate	- Tilter switch - Roof tilter motor - Mechanical system of roof tilter unit	20-207
4 	Power Roof does not operate	- Center lock switch - Pilot beam switch	20-212



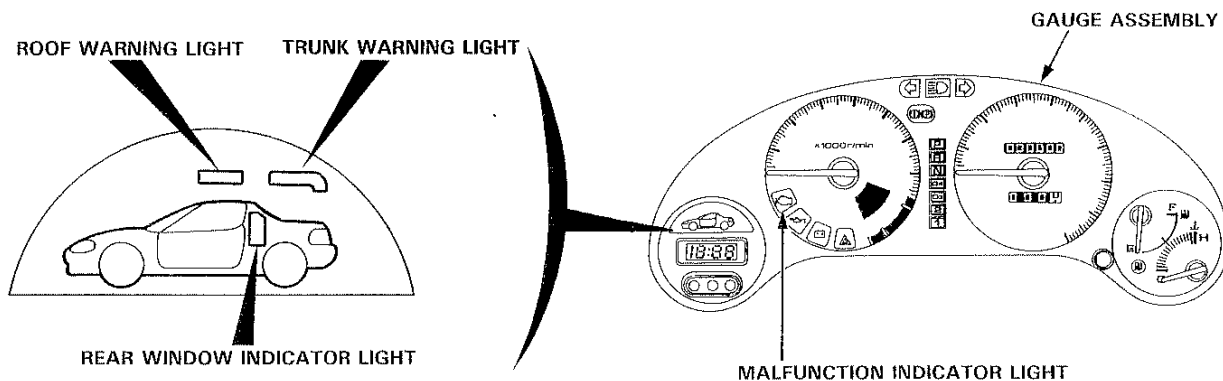
SELF-DIAGNOSIS INDICATOR BLINKS	SYSTEM INDICATED	RELATED COMPONENTS	PAGE
5	• Power roof does not operate	• Trunk lock switch • Mechanical system of Trunk lock	20-216
6	• Power roof does not operate	• Trunk key Switch • Power Window Switch (When power window switch and roof switch are operated at the same time)	20-196
7	• Power roof does not operate	• Roof lock switch (Not operated by the user)	20-218
8	• Power roof does not operate	• Parking brake switch (Not operated by the user)	20-220
9	• Power roof does not operate	• Rear window switch (Not operated by the user)	20-222
10	• Power roof does not operate	• Alternator (Not operated by the user)	20-224

Power Roof

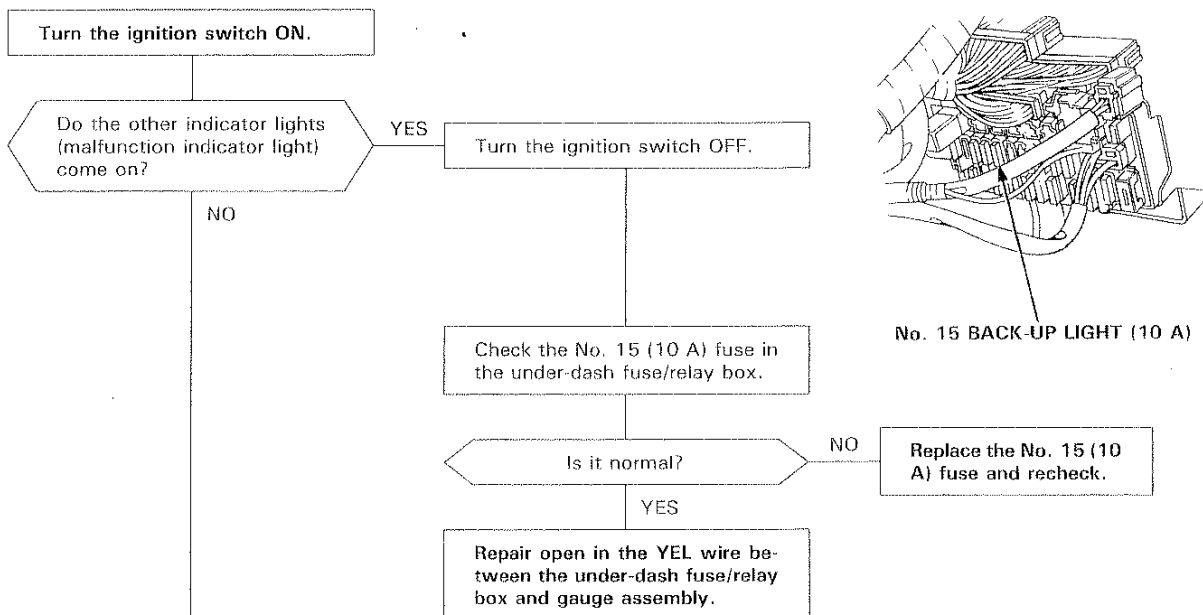
Troubleshooting Flow Chart (cont'd)

The ROOF WARNING light, TRUNK WARNING light, and the REAR WINDOW indicator light do not come on.

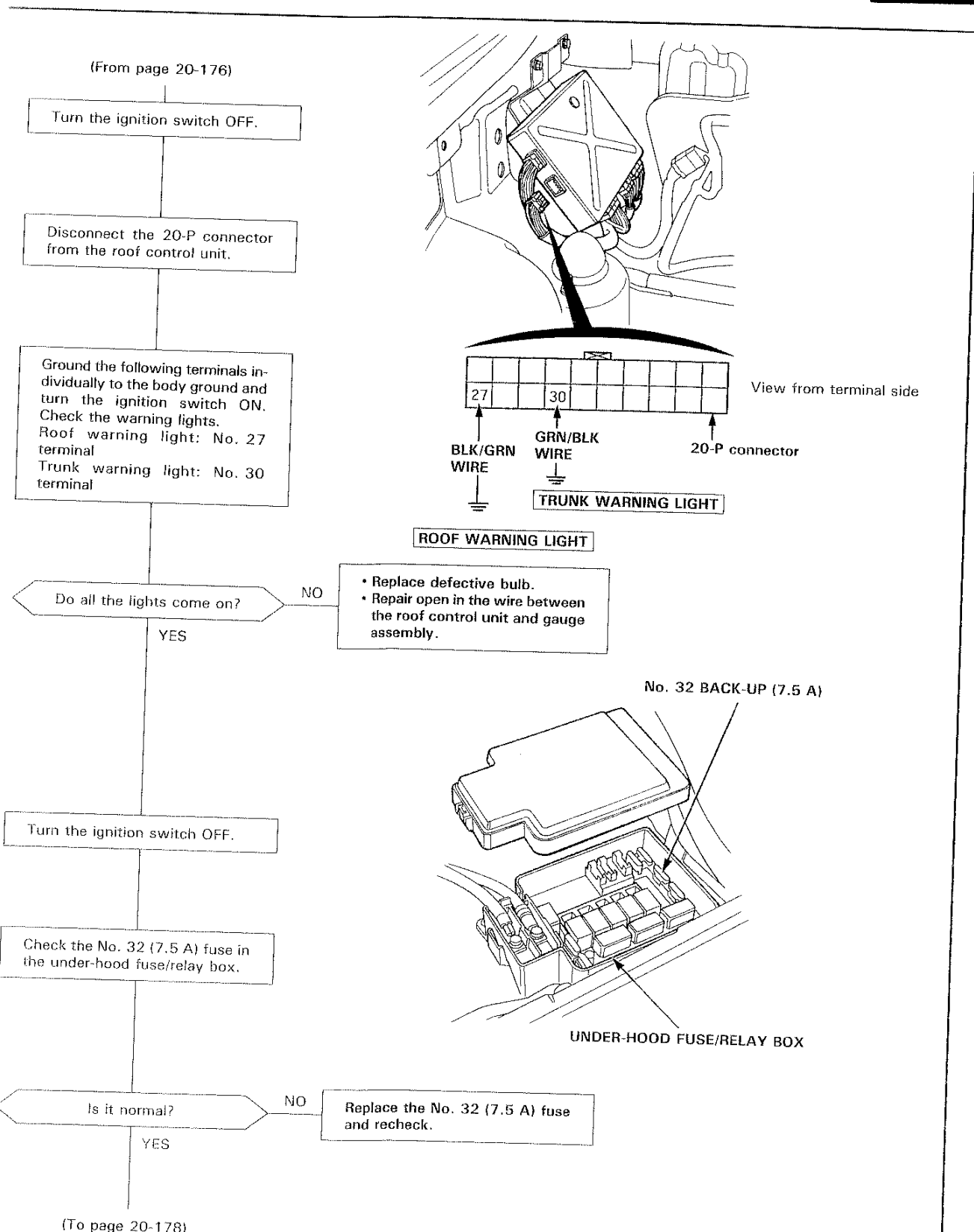
NOTE: When the ignition switch is turned on to check for the blown-out bulb, the roof warning light and Trunk warning light come on for approximately 2 seconds.



● ROOF WARNING LIGHT AND BOOT WARNING LIGHT TEST



(To page 20-177)



(cont'd)

Power Roof

Troubleshooting Flow Chart (cont'd)

(From page 20-177)

Turn the ignition switch ON.

Measure the voltage between the No. 55 terminal for the roof control unit and body ground.

Is there battery voltage?

NO

Repair open in the WHT/BLU wire between the roof control unit and under-hood fuse/relay box.

YES

Measure the voltage between the No. 41 terminal for the roof control unit and body ground.

Is there battery voltage?

NO

Repair open the YEL wire between the roof control unit and under-dash fuse/relay box.

YES

Turn the ignition switch OFF.

Check for continuity between the No. 43 and 54 terminal for the roof control unit and body ground.

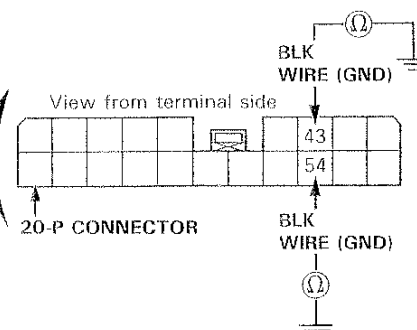
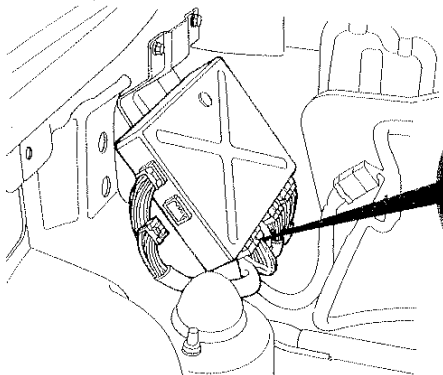
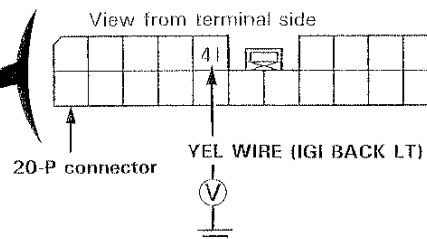
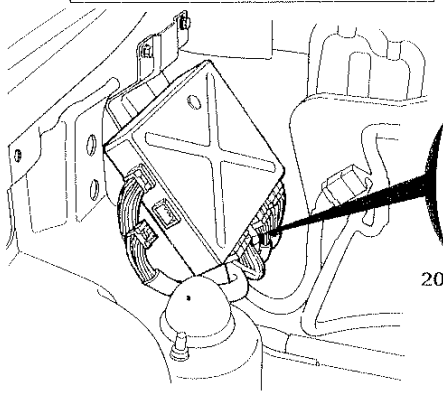
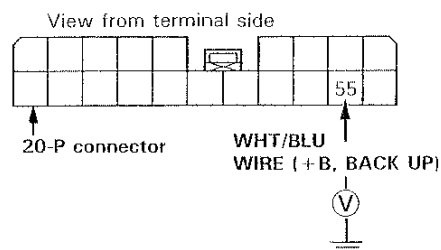
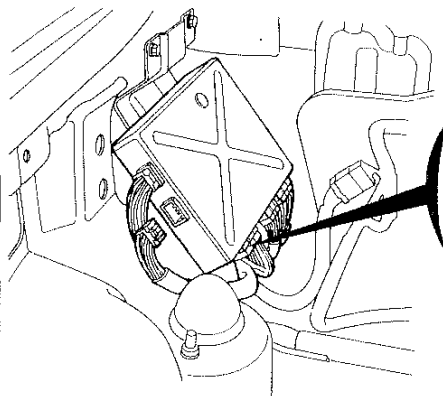
Is there continuity?

YES

• Repair open in the BLK wire between the roof control unit and body ground.
• Poor the ground (G552).

NO

Check for loose roof control unit connectors. If necessary, substitute a known-good roof control unit and recheck.



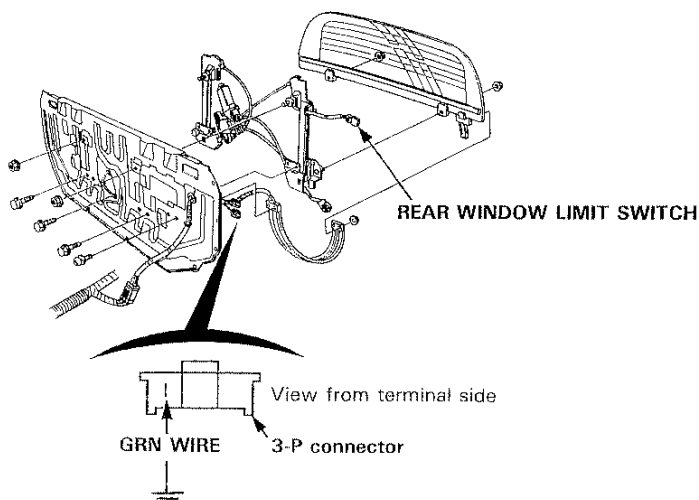


● REAR WINDOW INDICATOR TEST

Turn the ignition switch OFF.

Disconnect the 3-P connector from the rear window limit switch.

Ground the No. 1 terminal for rear window indicator to the body ground and turn the ignition switch ON. Check the rear window indicator light.



Does the rear window indicator light come on?

NO

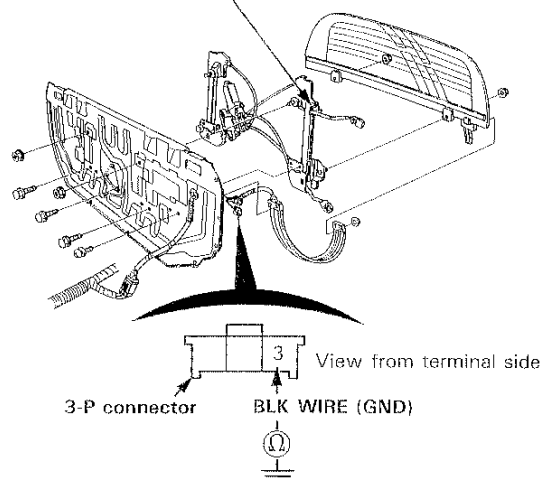
- Replace defective bulb.
- Repair open in the GRN wire between the rear window limit switch and gauge assembly.

YES

Turn the ignition switch OFF.

Check for continuity between the No. 3 terminal for the rear window limit switch and body ground.

REAR WINDOW LIMIT SWITCH



Is there continuity?

NO

Repair open in the BLK wire between the rear window limit switch and body ground.

YES

Check for loose rear window limit switch connectors. If necessary, substitute a known-good rear window limit switch and recheck.

(cont'd)

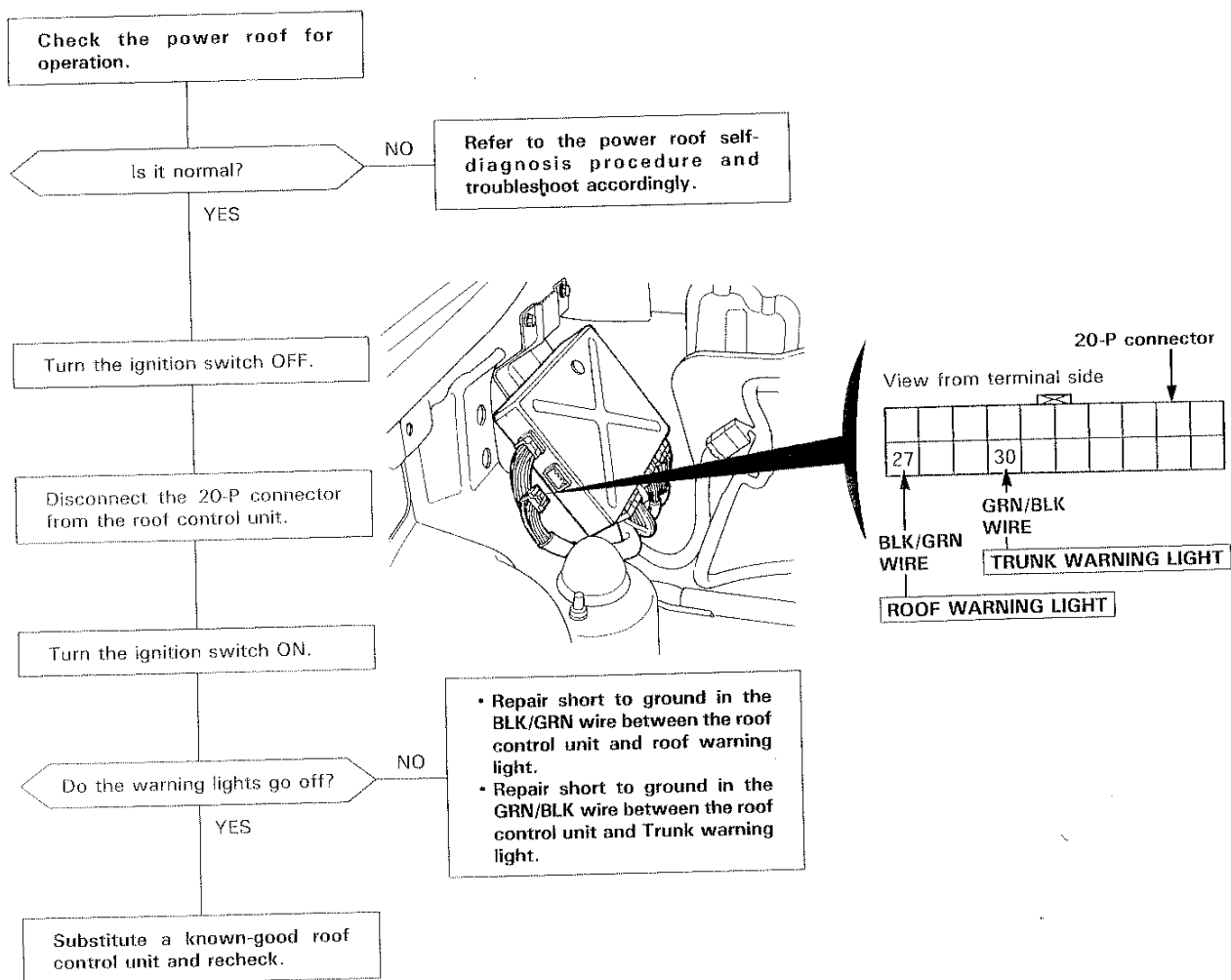
Power Roof

Troubleshooting Flow Chart (cont'd)

Roof warning light, Trunk warning light or Rear window indicator light does not go off.

NOTE: When the ignition switch is turned on to check for the blown-out bulb, the roof warning light and Trunk warning light come on for approximately 2 seconds.

• ROOF WARNING LIGHT AND TRUNK WARNING LIGHT TEST





● REAR WINDOW INDICATOR TEST

Turn the ignition switch OFF.

Disconnect the 3-P connector from the rear window limit switch.

Turn the ignition switch ON.

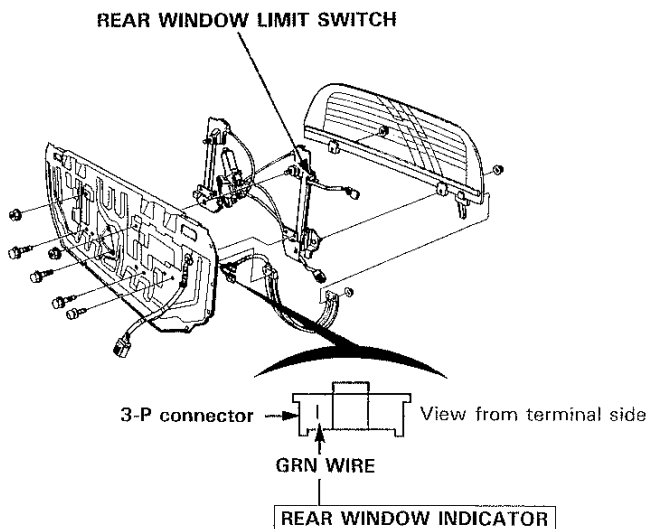
Do the rear window indicator light go off?

YES

Substitute a known-good rear window limit switch and recheck.

NO

Repair short in the GRN wire to the body ground.



(cont'd)

Power Roof

Troubleshooting Flow Chart (cont'd)

The operation Alarm or Warning Alarm does not sounding.

• OPERATION ALARM TEST

Turn the ignition switch OFF.

Disconnect the 20-P connectors from the roof control unit.

Ground the No. 28 terminal for operation alarm to the body ground and turn the ignition switch ON. Check the sound.

Does the alarm sound?

YES

Check for loose roof control unit connectors. If necessary, substitute a known-good roof control unit and recheck.

NO

Turn the ignition switch OFF.

Remove the operation alarm.

Check the operation alarm.
(see page 20-226)

Is it normal?

NO

Replace the operation alarm and recheck.

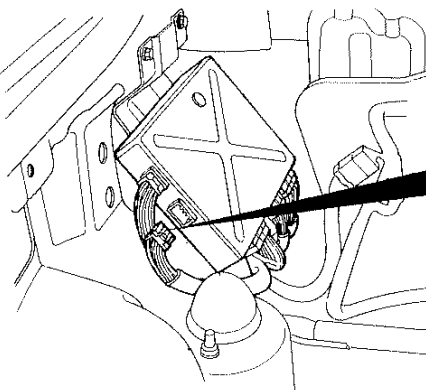
YES

Disconnect the 2-P connector from the operation alarm.

Turn the ignition switch ON.

Measure the voltage between the No. 1 terminal for the operation alarm and body ground.

(To page 20-183)

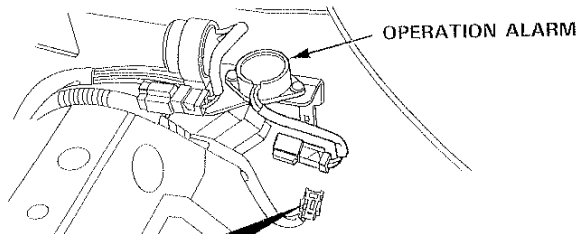


View from terminal side



ORN WIRE (OPERATION ALARM)

20-P connector



OPERATION ALARM

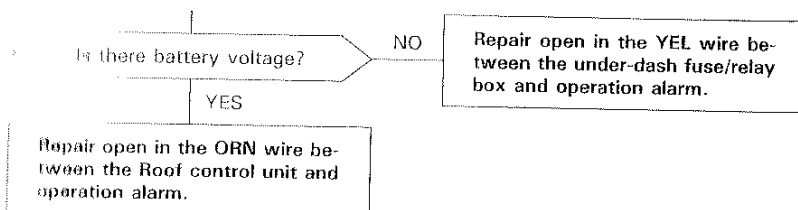
View from terminal side

2-P connector
YEL WIRE (IG1)





(From page 20-182)



• WARNING ALARM TEST

Turn the ignition switch OFF.

Disconnect the 20-P connectors from the roof control unit.

Ground the No. 29 terminal for warning alarm to the body ground and turn the ignition switch ON. Check the sound.

Does the alarm sound?

YES

Check for loose roof control unit connectors. If necessary, substitute a known-good roof control unit and recheck.

NO

Turn the ignition switch OFF.

Remove the warning alarm.

Check the warning alarm. (see page 20-226)

Is it normal?

NO

Replace the warning alarm and recheck.

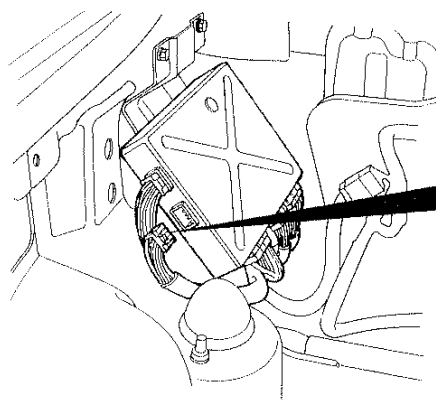
YES

Disconnect the 2-P connector from the warning alarm.

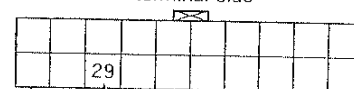
Turn the ignition switch ON.

Measure the voltage between the No. 1 terminal for the warning alarm and body ground.

(To page 20-184)

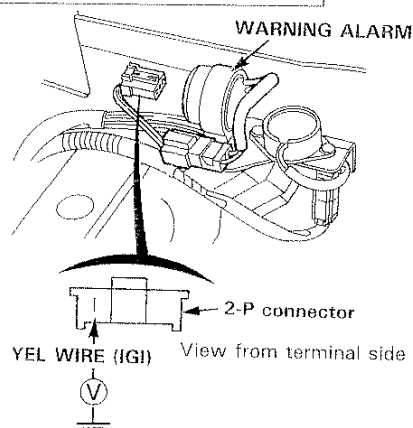


View from terminal side



BRN WIRE (WARN ALARM)

20-P connector



WARNING ALARM

2-P connector

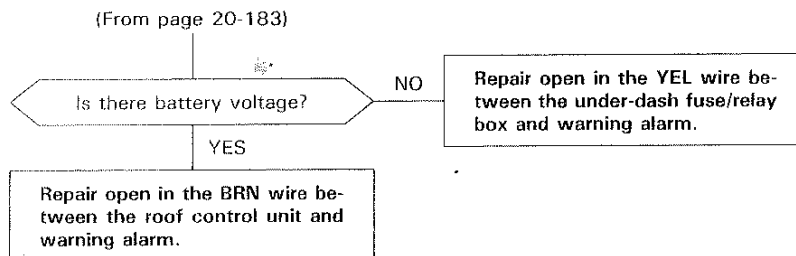
YEL WIRE (IGI)

View from terminal side

(cont'd)

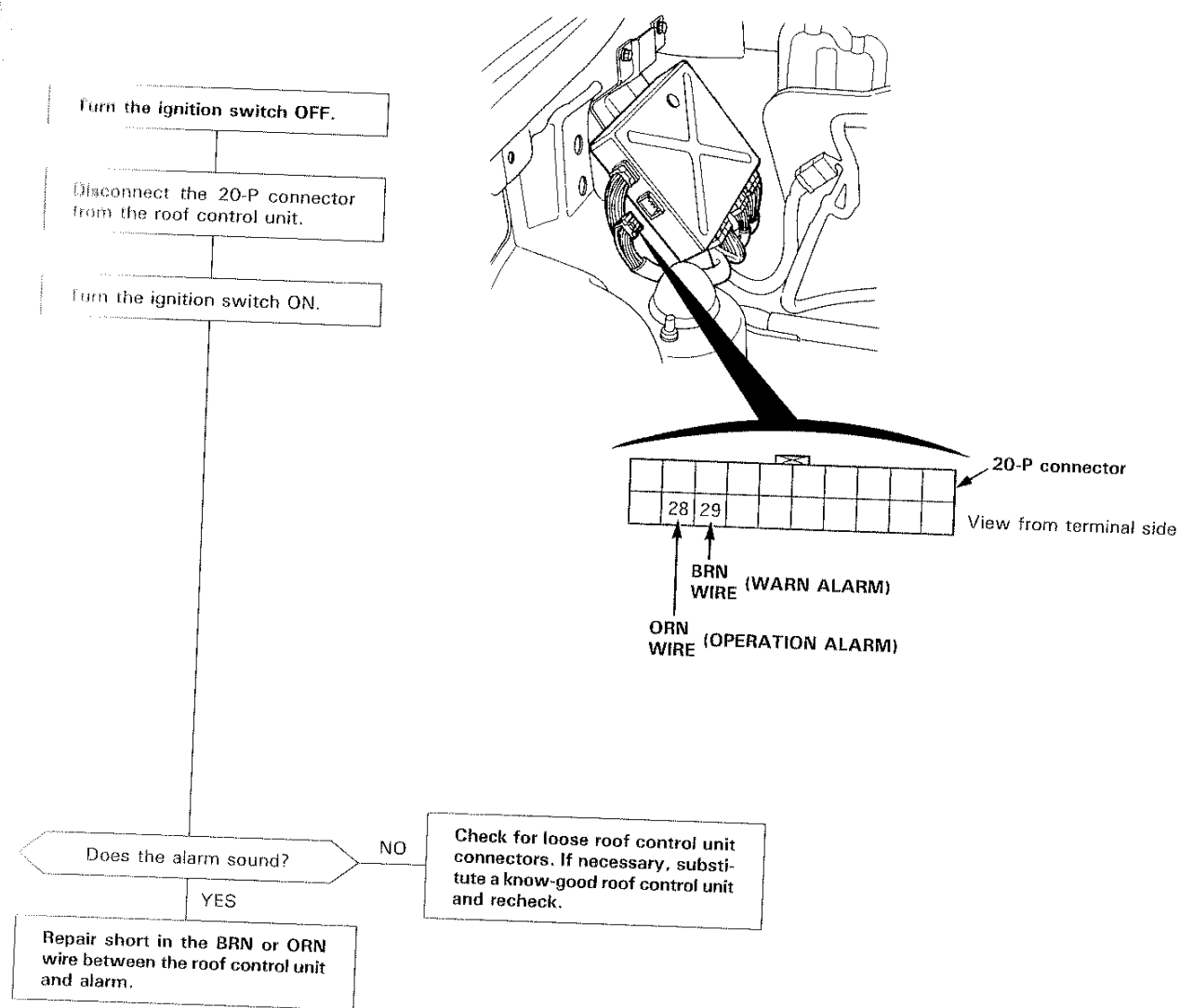
Power Roof

Troubleshooting Flowchart (cont'd)





The Operation Alarm or Warning Alarm does not stop sounding.



(cont'd)

Power Roof

Troubleshooting Flowchart (cont'd)

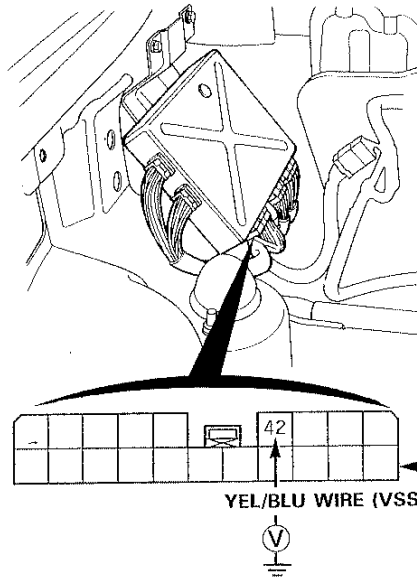
The Power Roof can be opened/close while driving.

• VEHICLE SPEED SENSOR TEST

Raise the car and support it with safety stand (see section 1).

Start the engine.

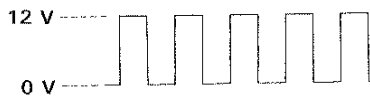
Shift the transmission into **2** range (AT) or 2nd gear (MT).



Measure the voltage between the No. 42 terminal for the roof control unit and body ground when the speedometer display to approximately 10 km/h (6 mph).

NOTE:

- Use the 15 V range or a similar range in the analog tester.



Is there approximately 6.0 V?

NO

Repair open in the YEL/BLU wire between the roof control unit and vehicle speed sensor.

YES

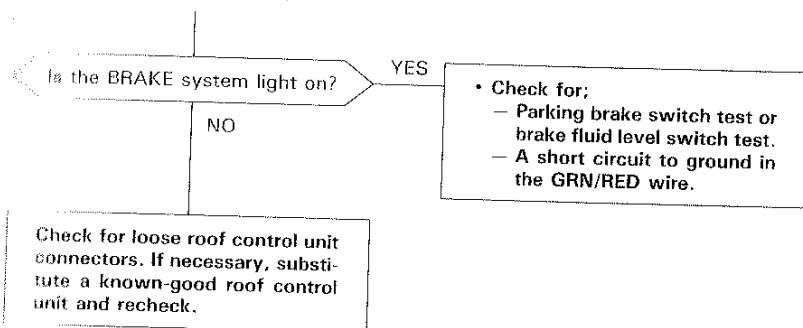
• PARKING BRAKE SWITCH TEST

Release the parking brake lever. (switch OFF)

(To page 20-187)



(From page 20-186)



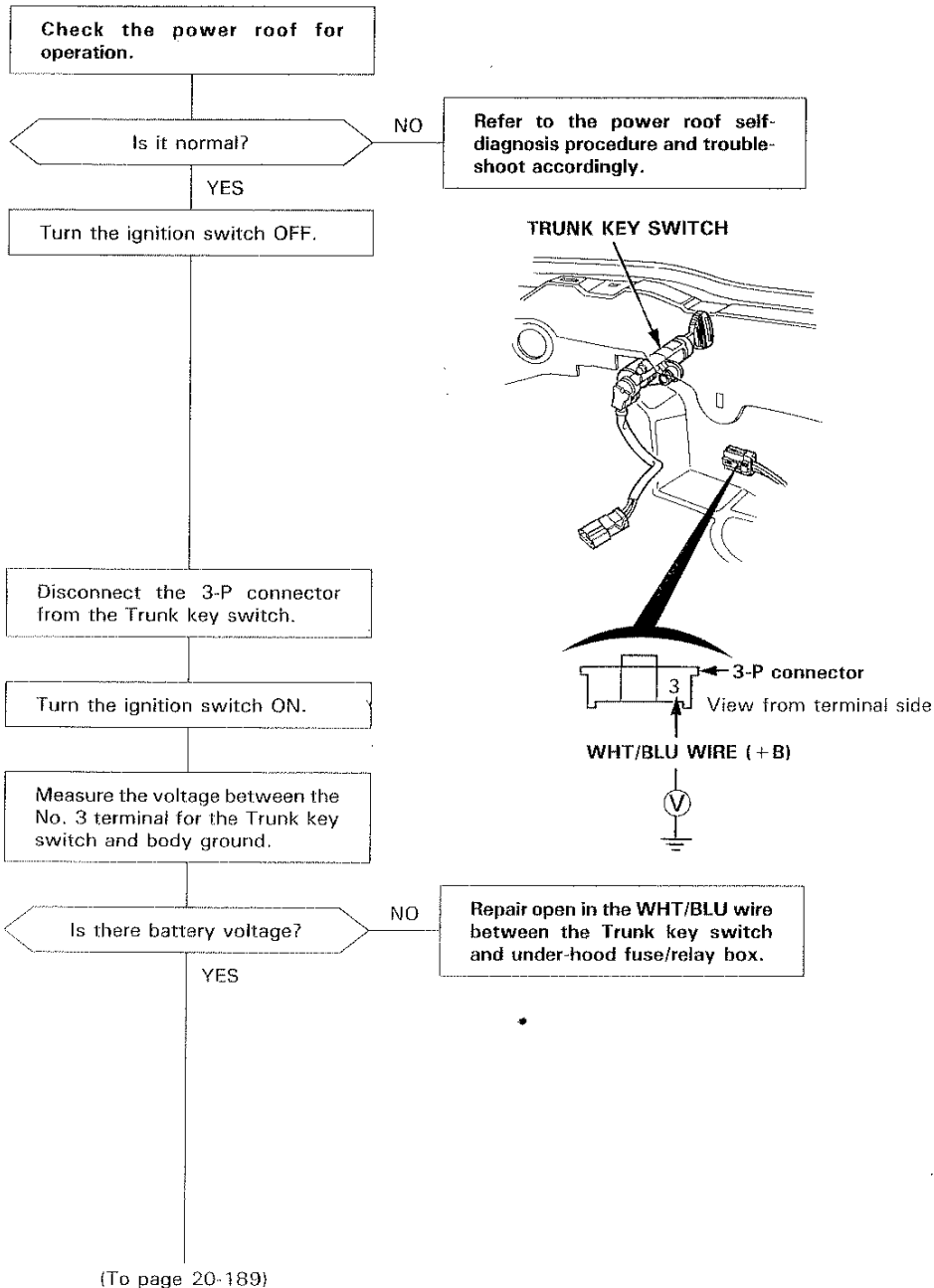
(cont'd)

Power Roof

Troubleshooting Flowchart (cont'd)

The Trunk lid does not open/close using the ignition key.

- The Trunk lid cannot be opened/closed using the ignition key unless the power roof is fully opened/closed.
- The Trunk lid cannot be opened/closed using the ignition key unless the rear windows are fully closed.





(From page 20-188)

Turn the ignition switch OFF.

Disconnect the 16-P connector from the roof control unit.

Check for continuity between;
• 16-P connector and 3-P connector.

- No. 2 (RED/WHT) and No. 1 terminals.
- No. 3 (RED/BLK) and No. 2 terminals.

Is there continuity?

NO

Repair open in the RED/BLK and RED/WHT wire between the roof control unit and Trunk key switch.

YES

Remove the Trunk key switch.

Check the Trunk key switch.
(see page 20-228)

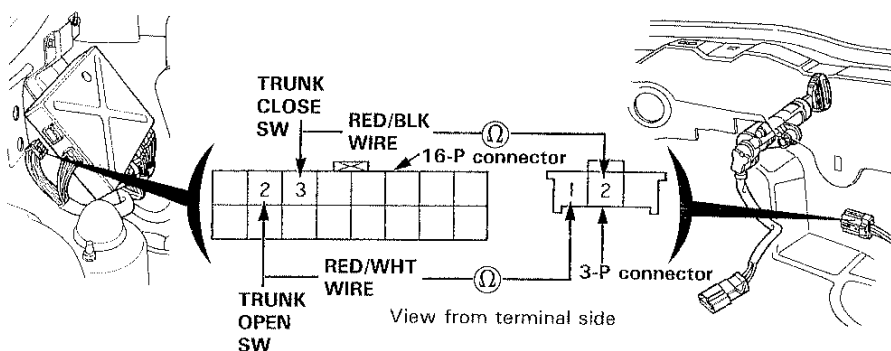
Is it normal?

NO

Replace the Trunk key switch and recheck.

YES

Check for loose roof control unit connectors. If necessary, substitute a known-good roof control unit and recheck.



(cont'd)

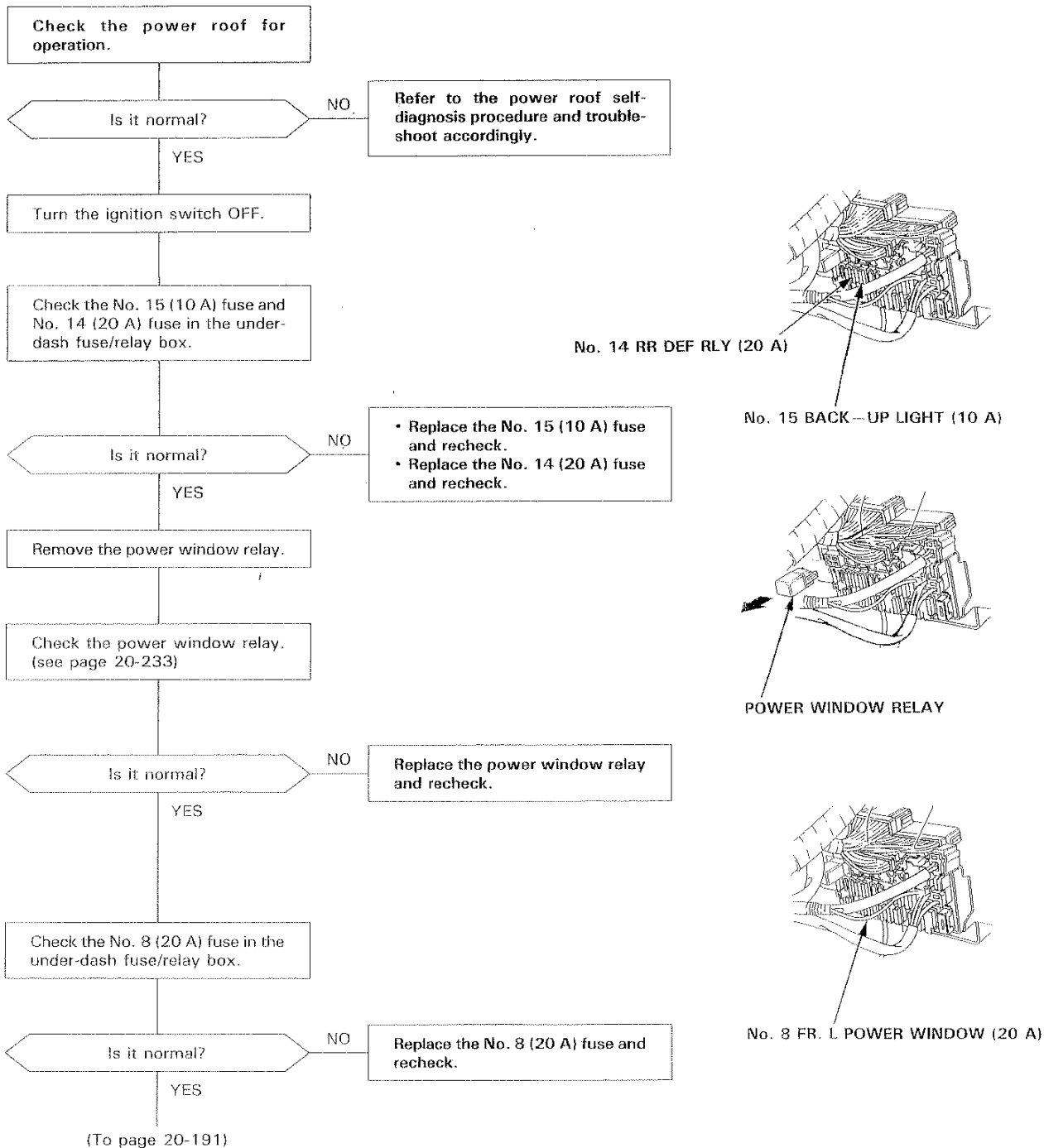
Power Roof

Troubleshooting Flowchart (cont'd)

The Power window does not open/close.

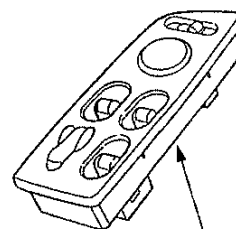
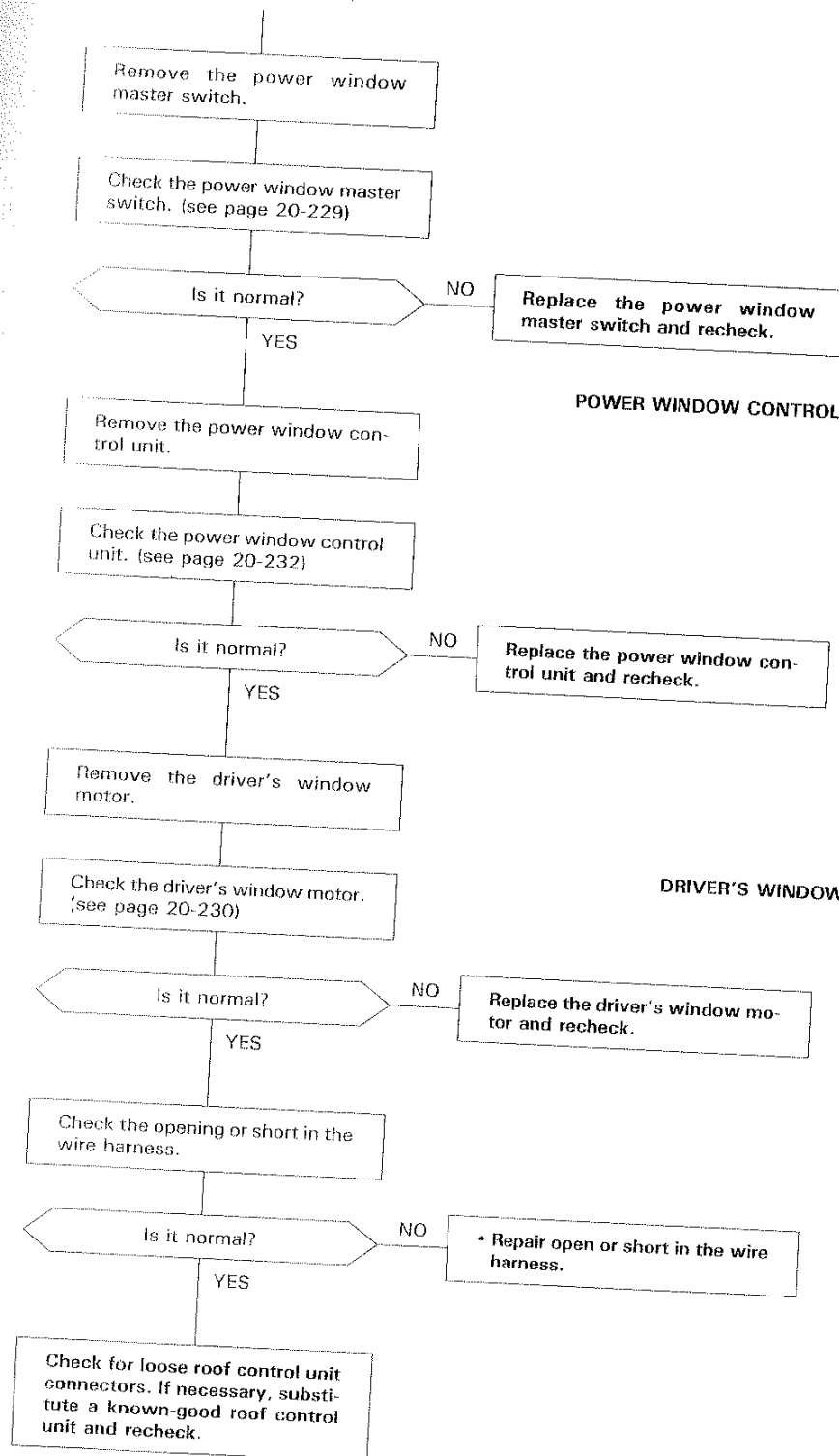
- Any power window cannot be operated when the power roof is in operation.
- The right and left power windows cannot be operated when the trunk lid is in operation.

• DRIVER'S SIDE



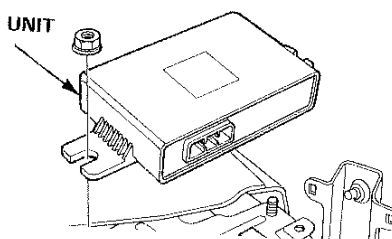


(From page 20-190)

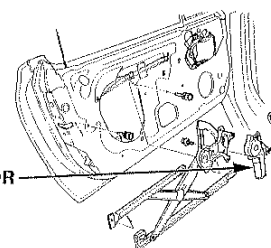


POWER WINDOW MASTER SWITCH

POWER WINDOW CONTROL UNIT



DRIVER'S WINDOW MOTOR



(cont'd)

Power Roof

Troubleshooting Flowchart (cont'd)

● PASSENGER'S SIDE TEST

Check the power roof for operation.

Is it normal?

NO

Refer to the power roof self-diagnosis procedure and trouble-shoot accordingly.

YES

Turn the ignition switch OFF.

Check the No. 15 (10 A) fuse and No. 14 (20 A) fuse in the under-dash fuse/relay box.

Is it normal?

NO

- Replace the No. 15 (10 A) fuse and recheck.
- Replace the No. 14 (20 A) fuse and recheck.

YES

Remove the power window relay.

Check the power window relay. (see page 20-233)

Is it normal?

NO

Replace the power window relay and recheck.

YES

Check the No. 5 (20 A) fuse in the under-dash fuse/relay box.

Is it normal?

NO

Replace the No. 5 (20 A) fuse and recheck.

YES

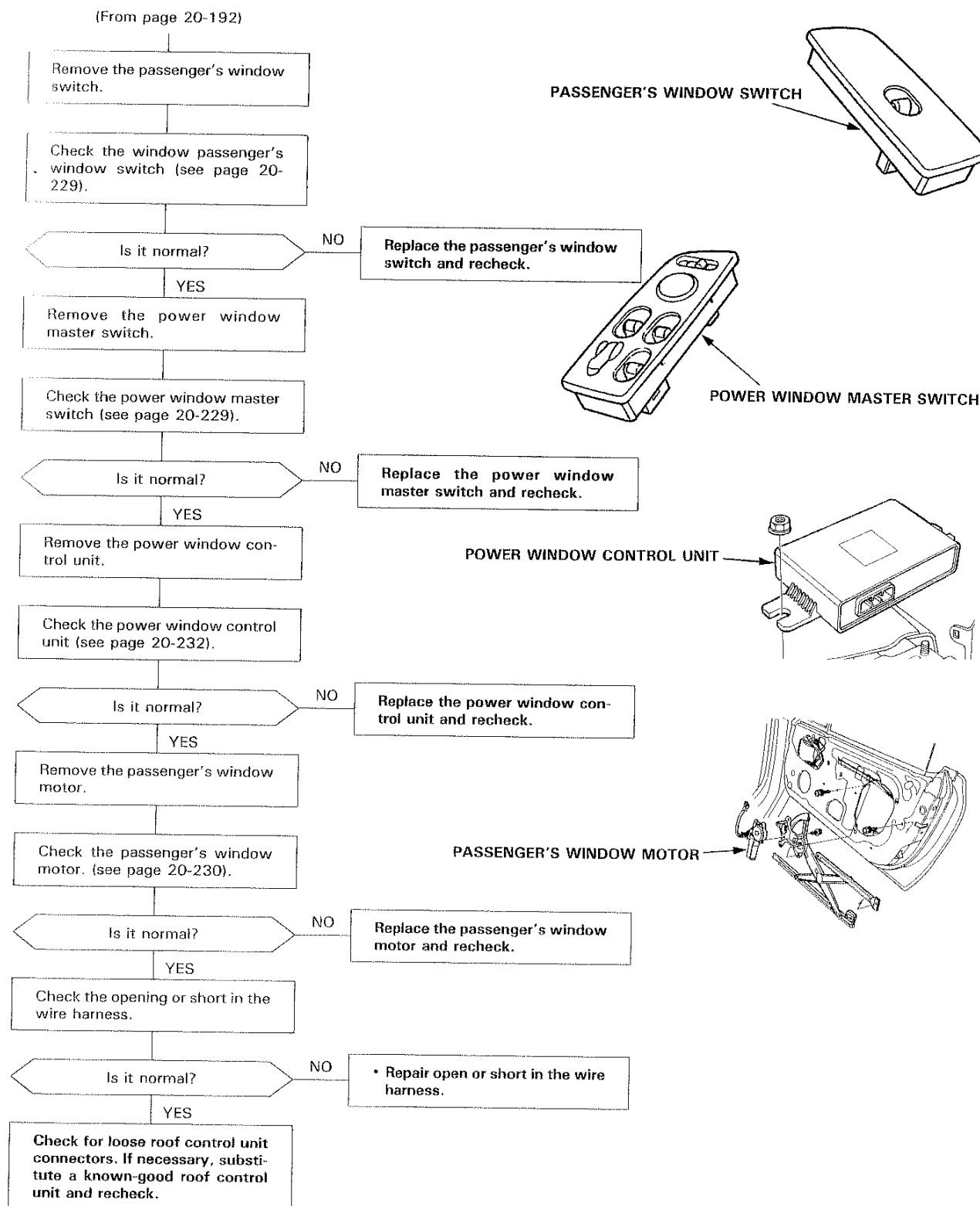
(To page 20-193)

No. 14 RR DEF RLY (20 A)

No. 15 BACK-UP LIGHT (10 A)

POWER WINDOW RELAY

No. 5 FRONT POWER WINDOW (20 A)



(cont'd)

Power Roof

Troubleshooting Flowchart (cont'd)

● REAR WINDOW TEST

Check the power roof for operation.

Is it normal?

NO

Refer to the power roof self-diagnosis procedure and trouble-shoot accordingly.

YES

Turn the ignition switch OFF.

Check the No. 15 (10 A) fuse and No. 14 (20 A) fuse in the under-dash fuse/relay box.

Is it normal?

NO

- Replace the No. 15 (10 A) fuse and recheck.
- Replace the No. 14 (20 A) fuse and recheck.

YES

Remove the power window relay.

Check the power window relay (see page 20-233).

Is it normal?

NO

Replace the power window relay and recheck.

YES

Check the No. 7 (20 A) fuse in the under-dash fuse/relay box.

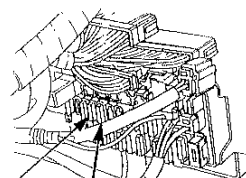
Is it normal?

NO

Replace the No. 7 (20 A) fuse and recheck.

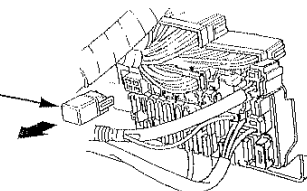
YES

(To page 20-195).

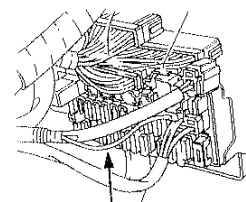


No. 14 RR DEF RLY (20 A)

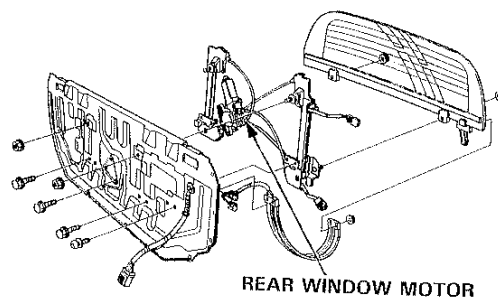
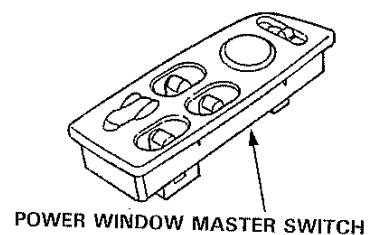
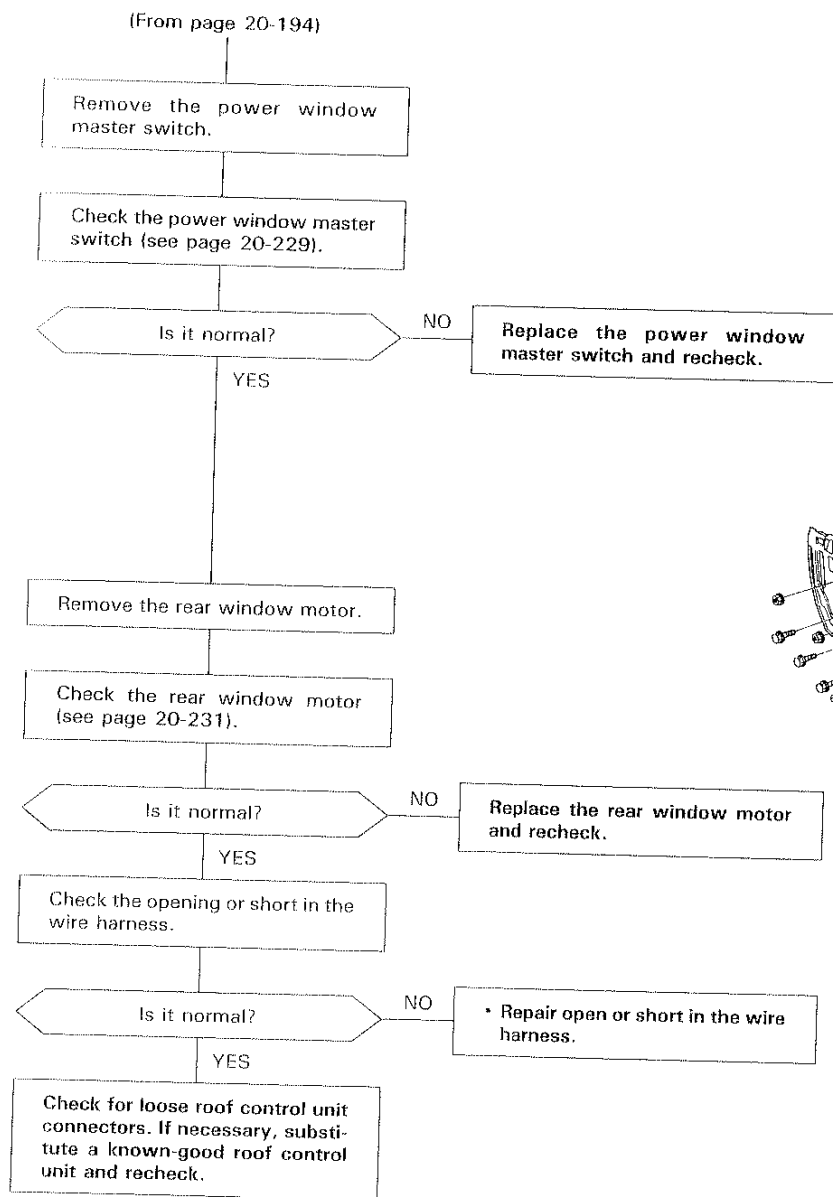
No. 15 BACK-UP LIGHT (10 A)



POWER WINDOW RELAY



No. 7 REAR POWER WINDOW (20 A)



Power Roof

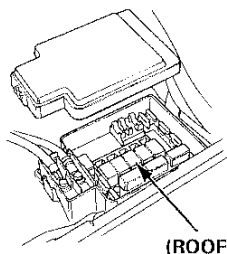
Troubleshooting Flowchart (cont'd)

The Power Roof does not operate (Problem code 0).

• POWER SOURCE AND GROUND TEST

Turn the ignition switch OFF.

Check the (ROOF) (30 A) fuse in the under-hood fuse/relay box.



No. 14 RR DEF RLY (20 A)

No. 4 (ROOF) (20 A)

Is it normal?

NO

Replace the (ROOF) (30 A) fuse and recheck.

YES

Check the No. 4 (20 A) fuse and No. 14 (20 A) fuse in the under-dash fuse/relay box.

Is it normal?

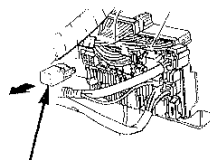
NO

- Replace the No. 14 (20 A) fuse and recheck.
- Replace the No. 4 (20 A) fuse and recheck.

YES

Remove the power window relay.

Check the power window relay (see page 20-233).



POWER WINDOW RELAY

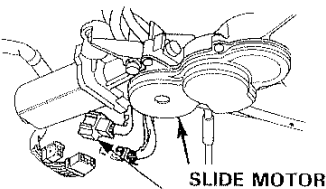
Is it normal?

NO

Replace the power window relay and recheck.

YES

Disconnect the 5-P connector from the roof lifter motor and the 2-P connector from the slide motor.



SLIDE MOTOR

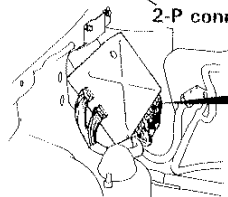
2-P connector

ROOF LIFTER MOTOR

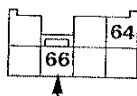
5-P connector

Turn the ignition switch ON.

Measure the voltage between the No. 64 and 66 terminal for the roof control unit and body ground.



View from terminal side



7-P connector

WHT/BLU WIRE (+B ROOF 30 A)

YEL/BLK WIRE (IG I ROOF 20 A)

Is there battery voltage?

NO

Repair open in the YEL/BLK wire between the roof control unit and under-dash fuse/relay box.

YES

Repair open in the WHT/BLU wire between the roof control unit and under-hood fuse/relay box.

(To page 20-197)



(From page 20-196)

Turn the ignition switch OFF.

Check for continuity between the No. 60 and 68 terminal and body ground.

Is there continuity?

NO

Repair open in the BLK wire to the body ground.

YES

• ROOF SWITCH TEST

Turn the ignition switch OFF.

Disconnect the 3-P connector from the roof switch.

Turn the ignition switch ON.

Measure the voltage between the No. 1 terminal for the roof switch and body ground.

Is there battery voltage?

NO

Repair open the YEL wire between the roof switch and under-dash fuse/relay box.

YES

Turn the ignition switch OFF.

Remove the roof switch.

Check the roof switch (see page 20-234).

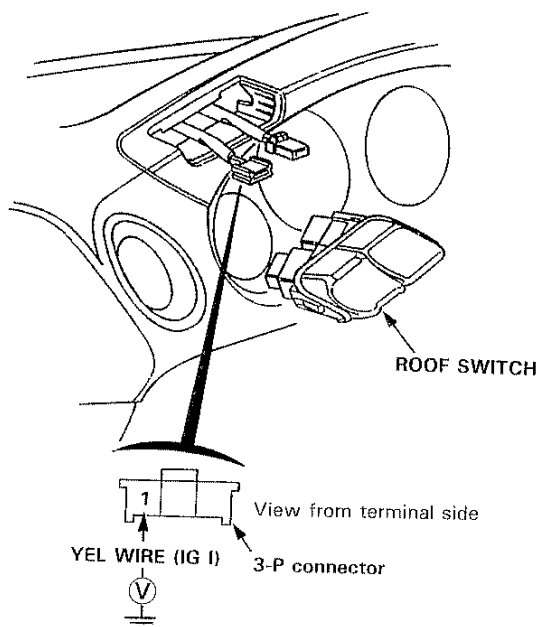
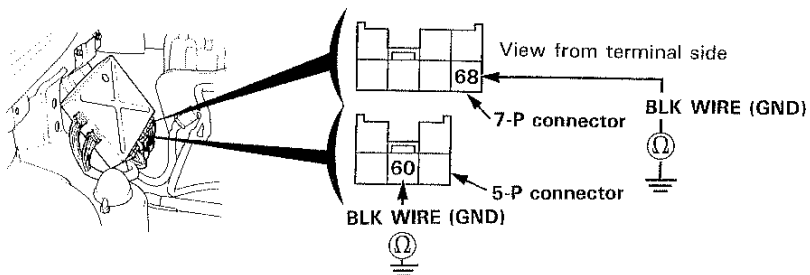
Is it normal?

NO

Replace the roof switch and recheck.

YES

(To page 20-198)



(cont'd)

Power roof

Troubleshooting Flowchart (cont'd)

(From page 20-197)

Disconnect the 20-P connector from the roof control unit.

Check for continuity between;
 • 20-P connector and 3-P connector.
 —No. 25 (GRN/YEL) and No. 3 terminals.
 —No. 26 (GRN/RED) and No. 2 terminals.

Is there continuity?

YES

• TRUNK KEY SWITCH TEST

Disconnect the 3-P connector from the Trunk key switch.

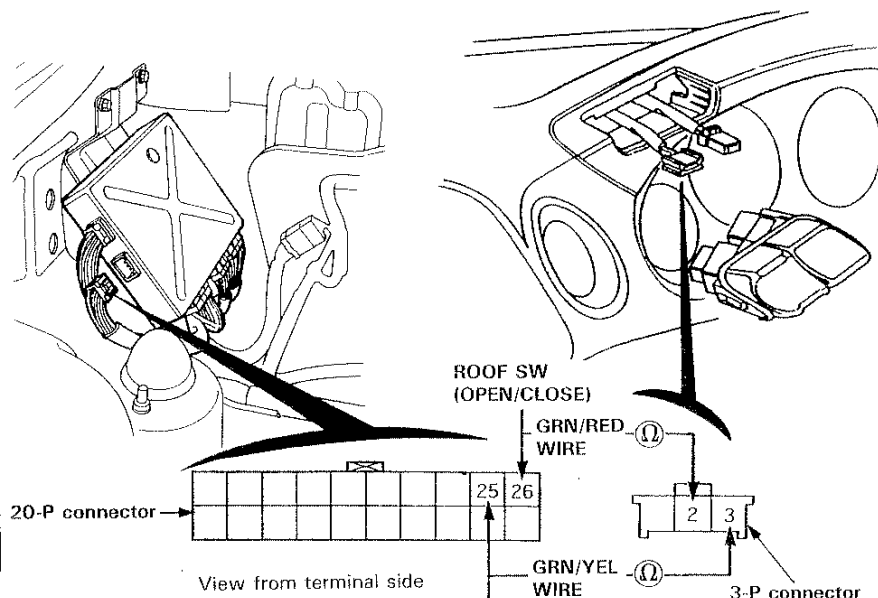
Turn the ignition switch ON.

Measure the voltage between the No. 3 terminal for the Trunk key switch and body ground.

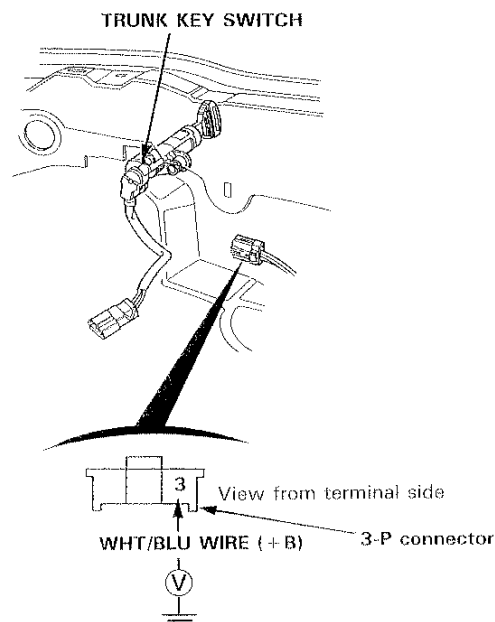
Is there battery voltage?

YES

(To page 20-199)



Repair open in the GRN/YEL and GRN/RED wire between the roof control unit and roof switch.



Repair open in the WHT/BLU wire between the Trunk key switch and under-hood fuse/relay box.



(From page 20-198)

Turn the ignition switch OFF.

Disconnect the 16-P connector from the roof control unit.

Check for continuity between;

- 16-P connector and 3-P connector.
- No. 2 (RED/WHT) and No. 1 terminals.
- No. 3 (RED/BLK) and No. 2 terminals.

Is there continuity?

NO

Repair open in the RED/BLK and RED/WHT wire between the roof control unit and Trunk key switch.

YES

Remove the Trunk key switch.

Check the Trunk key switch.
(see page 20-228)

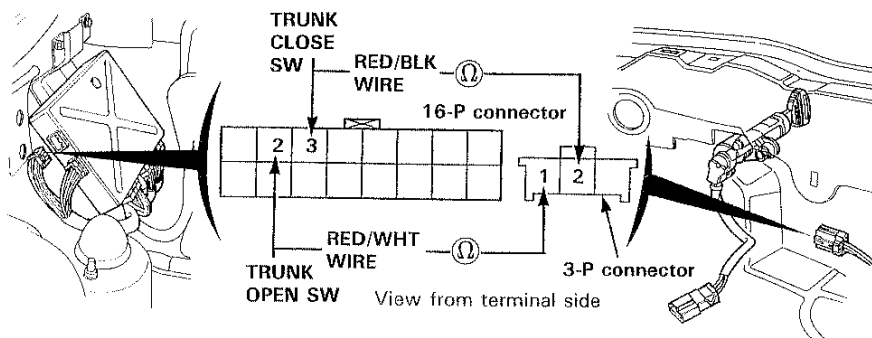
Is it normal?

NO

Replace the Trunk key switch and recheck.

YES

Check for loose roof control unit connectors. If necessary, substitute a known-good roof control unit and recheck.



Power Roof

Troubleshooting Flowchart (cont'd)

Problem code 1 :

● LIFTER SWITCH TEST

Turn the ignition switch OFF.

Check the (ROOF) (30 A) fuse in the under-hood fuse/relay box.

Is it normal?

NO

Replace the (ROOF) (30 A) fuse and recheck.

YES

Disconnect the 5-P connector from the roof lifter motor and the 2-P connector from the slide motor.

Disconnect the 5-P connector from the lifter switch.

Turn the ignition switch ON.

Measure the voltage between the No. 2, 3 and 4 terminal for the lifter switch and body ground.

Is there approximately 10 V?

NO

Turn the ignition switch OFF.

Check for continuity between the No. 2, 3 and 4 terminal and body ground.

Is there continuity?

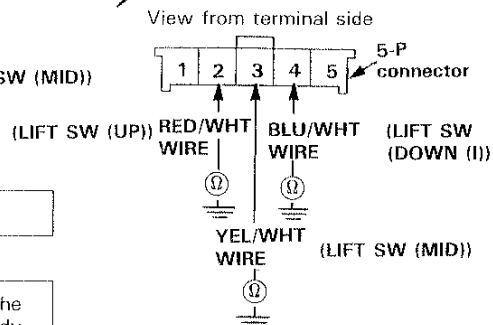
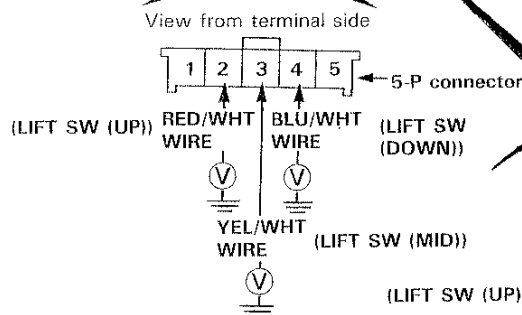
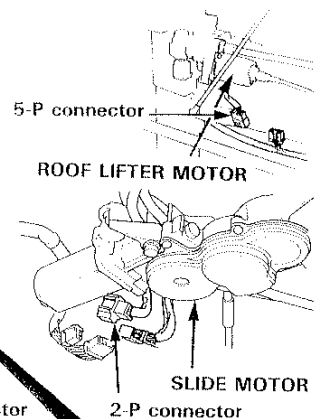
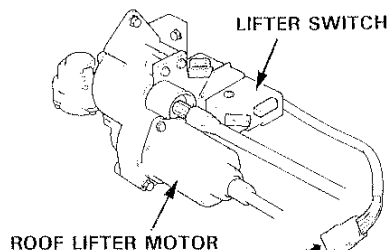
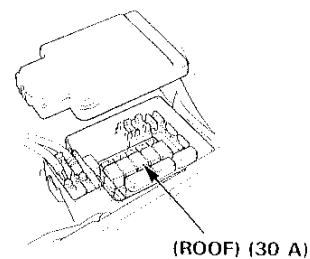
YES

Repair short in the RED/WHT, YEL/WHT and BLU/WHT wire to the body ground.

NO

(To page 20-201)

(To page 20-201)





(From page 20-200)

(From page 20-200)

Turn the ignition switch ON.

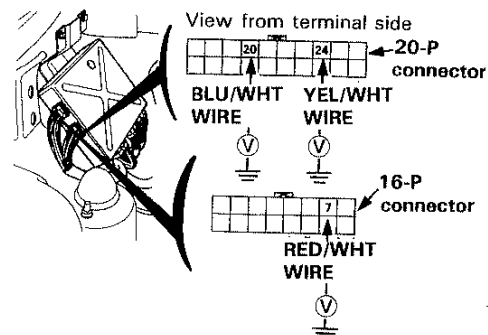
Measure the voltage between the No. 7, No. 20 and No. 24 terminal for the roof control unit and body ground.

Is there approximately 10 V?

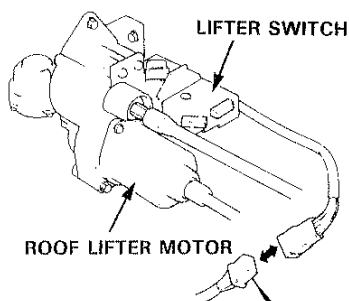
YES

NO

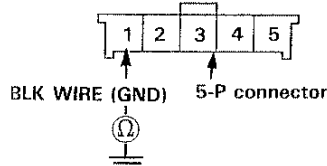
Check for loose roof control unit connectors. If necessary, substitute a known-good roof control unit and recheck.



Repair open in the RED/WHT, YEL/WHT and BLU/WHT wire between the roof control unit and lifter switch.



View from terminal side



Turn the ignition switch OFF.

Check for continuity between the No. 1 terminal for the lifter switch and body ground.

Is there continuity?

NO

YES

Remove the lifter switch.

Check the lifter switch (see page 20-227).

Is it normal?

NO

YES

Replace the lifter switch and recheck.

(To page 20-202)

• Repair open in the BLK wire between the roof control unit and body ground.
• Poor the ground (G552).

(cont'd)

Power Roof

Troubleshooting Flowchart (cont'd)

(From page 20-201)

• ROOF LIFTER MOTOR TEST

Turn the ignition switch ON.

Measure the voltage between the No. 2 terminal for the roof lifter motor and body ground.

Is there approximately 10 V?

YES

NO

Turn the ignition switch OFF.

Check for continuity between the No. 2 terminal and body ground.

Is there continuity?

YES

Turn the ignition switch ON.

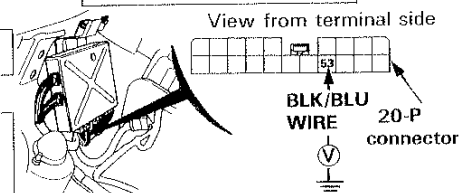
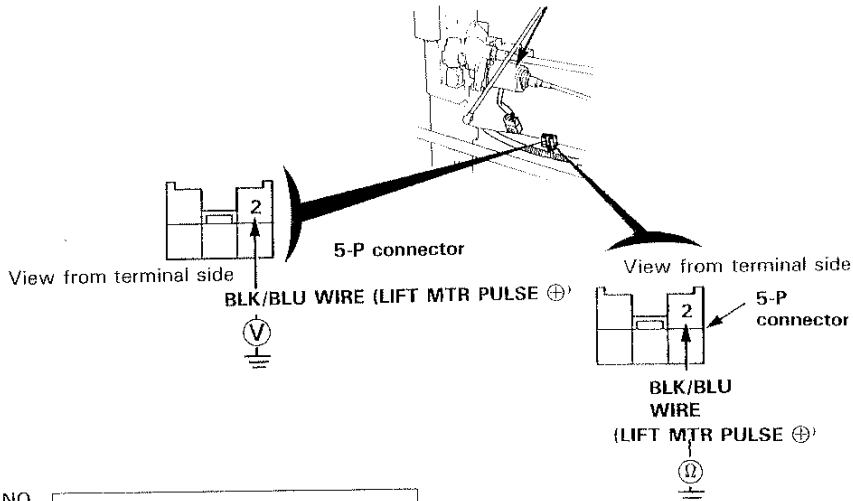
Measure the voltage between the No. 53 terminal for the roof control unit and body ground.

Is there approximately 10 V?

NO

Check for loose roof control unit connectors. If necessary, substitute a known-good roof control unit and recheck.

ROOF LIFTER MOTOR



Repair open in the BLK/BLU wire between the roof control unit and body ground.

Repair short in the BLK/BLU wire to the body ground.

(To page 20-203)



(From page 20-202)

Turn the ignition switch OFF.

Check for continuity between the No. 5 terminals for the roof lifter motor and body ground.

Is there continuity?

NO

- Repair open in the BLK/RED wire between the roof control unit and body ground.
- Poor the ground.

YES

Disconnect the 7-P connector from the roof control unit.

Check for continuity between;
• 7-P connector and 5-P connector.
— No. 63 (RED/WHT) and No. 1 terminals.
— No. 67 (RED/GRN) and No. 3 terminals.

Is there continuity?

NO

Repair open in the RED/WHT and RED/GRN wire between the roof control unit and roof lifter motor.

YES

Remove the roof lifter motor.

Check the roof lifter motor (see page 20-235).

Is it normal?

NO

Replace the roof lifter motor and recheck.

YES

Check the roof lifter (see page 20-132).

Is it normal?

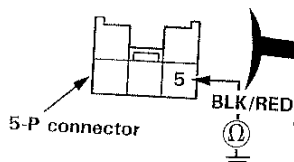
NO

- The device Lead screws is not bent.
- The bearing box assembly is adjusted properly.

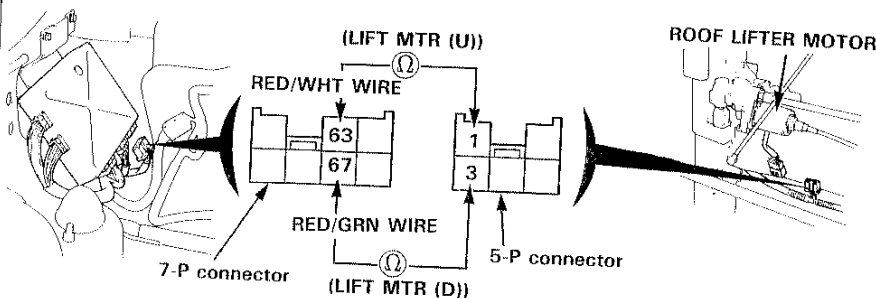
YES

Check for loose roof control unit connectors. If necessary, substitute a known-good roof control unit and recheck.

View from terminal side



ROOF LIFTER MOTOR



Power Roof

Troubleshooting Flowchart (cont'd)

Problem code 2 :

● SLIDE SWITCH TEST

Turn the ignition switch OFF.

Check the No. 4 (20 A) fuse and No. 14 (20 A) fuse in the under-dash fuse/relay box.

Is it normal?

NO

- Replace the No. 14 (20 A) fuse and recheck.
- Replace the No. 4 (20 A) fuse and recheck.

YES

Remove the power window relay.

Check the power window relay (see page 20-233).

Is it normal?

NO

Replace the power window relay and recheck.

YES

Disconnect the 5-P connector from the roof lifter motor and the 2-P connector from the slide motor.

Disconnect the 6-P connector from the slide motor.

Turn the ignition switch ON.

Measure the voltage between the No. 1, 2 and 5 terminals for the slide motor and body ground.

Is there approximately 10 V?

NO

Turn the ignition switch OFF.

YES

Check for continuity between the No. 1, 2 and 5 terminals and body ground.

(To page 20-205)

(To page 20-205)

No. 14 RR DEF RLY (20 A)

No. 4 (ROOF) (20 A)

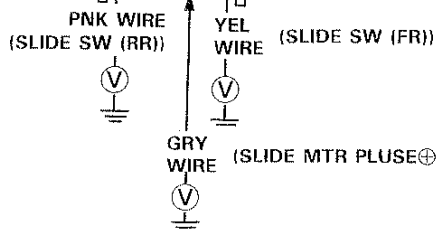
POWER WINDOW RELAY

ROOF LIFTER MOTOR

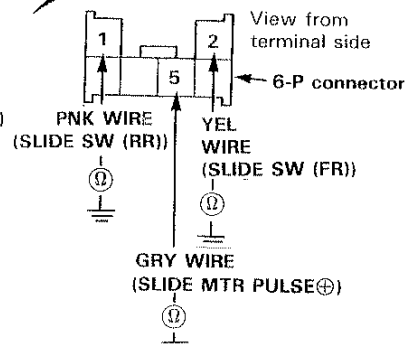
SLIDE MOTOR

6-P connector

View from terminal side



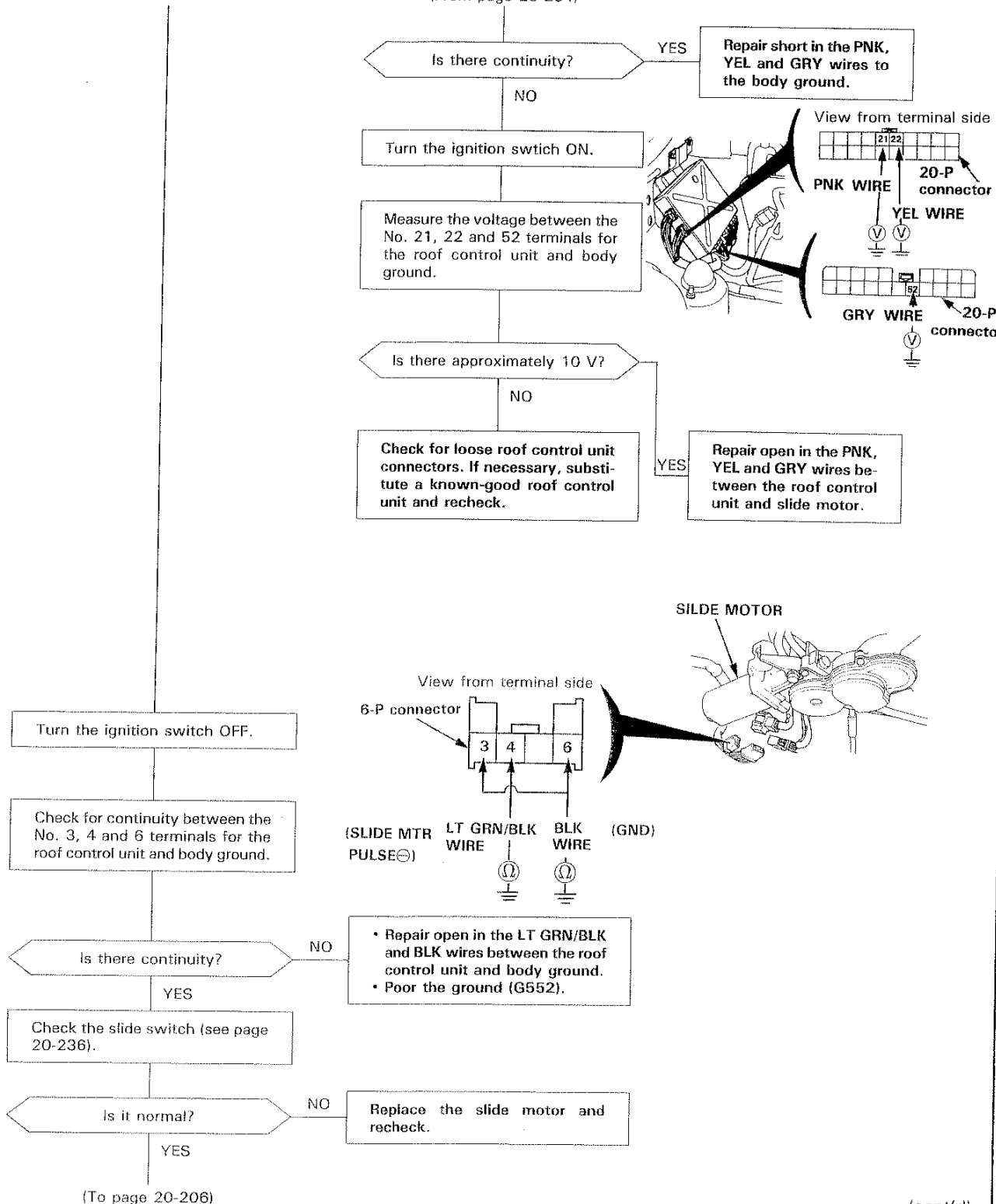
View from terminal side





(From page 20-204)

(From page 20-204)



(cont'd)

Power Roof

Troubleshooting Flowchart (cont'd)

(To page 20-205)

• SLIDE MOTOR TEST

Disconnect the 5-P connector from the roof control unit.

Check for continuity between;

- 5-P connector and 2-P connector
 - No. 57 (WHT) and No. 1 terminals
 - No. 59 (GRN) and No. 2 terminals.

Is there continuity?

NO

Repair open in the WHT and GRN wires between the roof control unit and slide motor.

YES

Check the slide motor.
(see page 20-237)

Is it normal?

NO

Replace the slide motor and recheck.

YES

Check the roof slider.
(see page 20-113, 114)

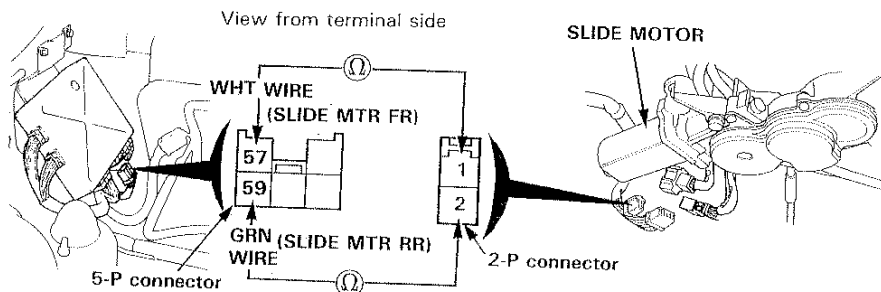
Is it normal?

NO

- The roof pilot and drive unit are located properly.
- The moving surfaces are cleaned and grease is applied.

YES

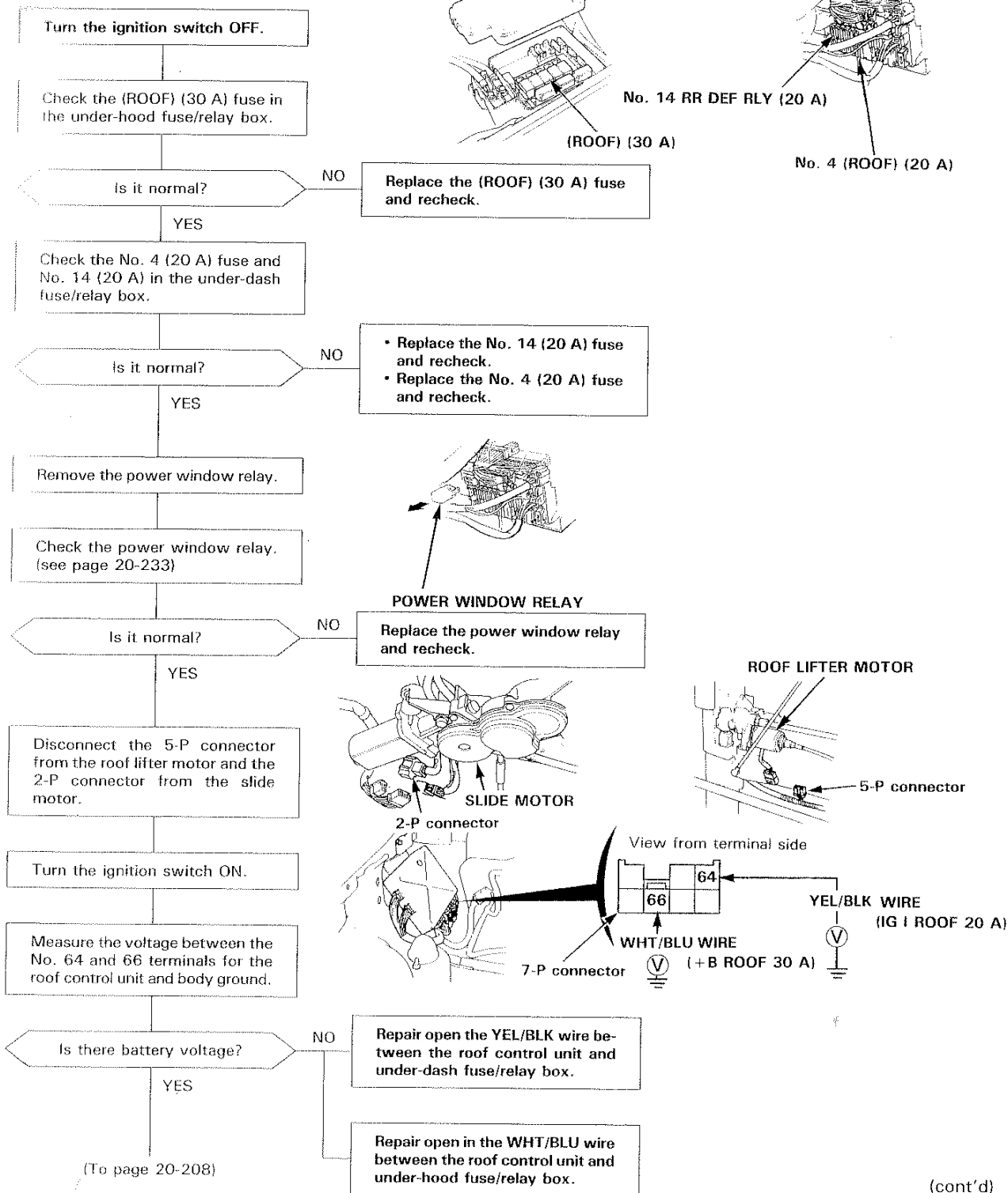
Check for loose roof control unit connectors. If necessary, substitute a known-good roof control unit and recheck.





Problem code 3 :

● POWER SOURCE AND GROUND TEST



(cont'd)

Power Roof

Troubleshooting Flow Chart (cont'd)

(From page 20-207)

Turn the ignition switch OFF.

Check for continuity between the No. 60 and 68 terminals and body ground.

Is there continuity?

NO

Repair open in the BLK wire to the body ground.

YES

● TILTER SWITCH TEST

Disconnect the 6-P connector from the roof tilter unit.

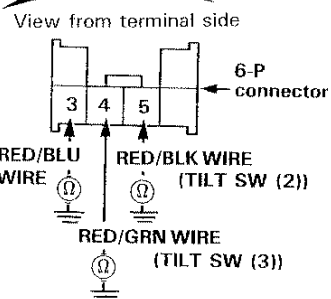
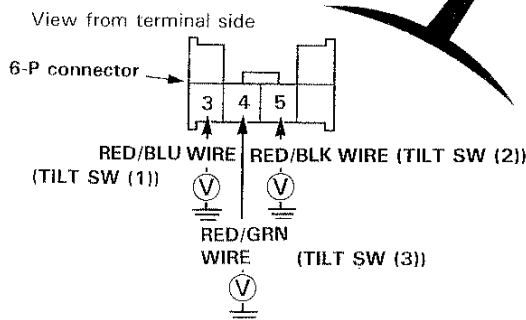
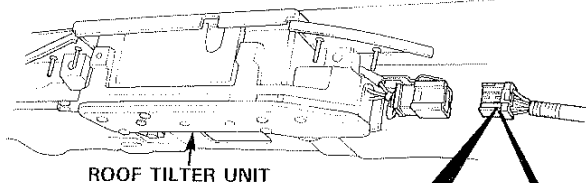
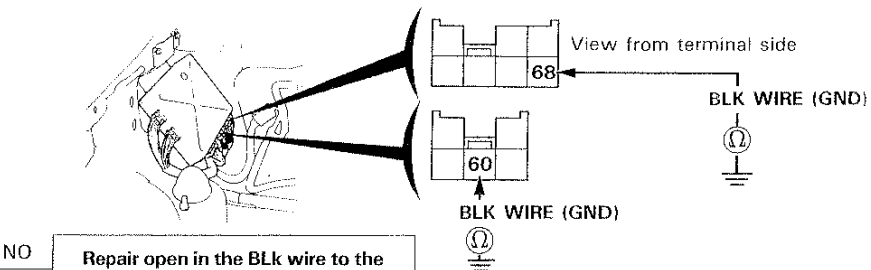
Turn the ignition switch ON.

Measure the voltage between the No. 3, 4 and 5 terminals for the roof tilter unit and body ground.

Is there approximately 10 V?

YES

(To page 20-209)



NO

Turn the ignition switch OFF.

Check for continuity between the No. 3, 4 and 5 terminals and body ground.

Is there continuity?

YES

Repair short in the RED/BLU, RED/GRN and RED/BLK wires to the body ground.

NO

Turn the ignition switch ON.

Measure the voltage between the No. 13, 17 and 18 terminals for the roof control unit and body ground.

Is there approximately 10 V?

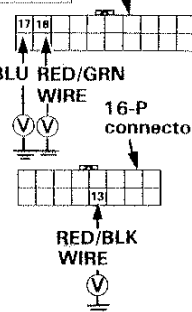
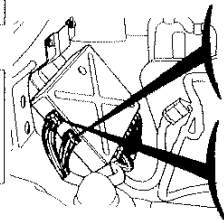
NO

Check for loose roof control unit connectors. If necessary, substitute a known-good roof control unit and recheck.

YES

Repair open in the RED/BLU, RED/GRN and RED/BLK wires between the roof control unit and tilter unit.

View from terminal side





(From page 20-208)

Turn the ignition switch OFF.

Check for continuity between the No. 1 terminal for the roof tilter unit and body ground.

Is there continuity?

NO

- Repair open in the BLK wire between the Roof tilter unit and body ground.
- Poor the ground (G 552).

YES

Check the tilter switch (see page 20-238).

Is it normal?

NO

Replace the tilter switch and recheck.

YES

• ROOF TILTER MOTOR TEST

Disconnect the 5-P connector from the roof tilter motor.

Turn the ignition switch ON.

Measure the voltage between the No. 2 terminal for the roof tilter motor and body ground.

Is there approximately 10 V?

NO

Turn the ignition switch OFF.

Check for continuity between the No. 2 terminal and body ground.

Is there continuity?

YES

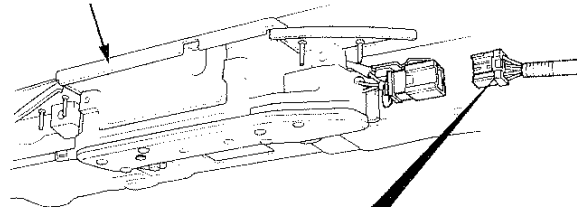
Repair short in the LT GRN wire to the body ground.

NO

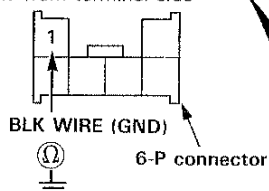
(To page 20-210)

(To page 20-210)

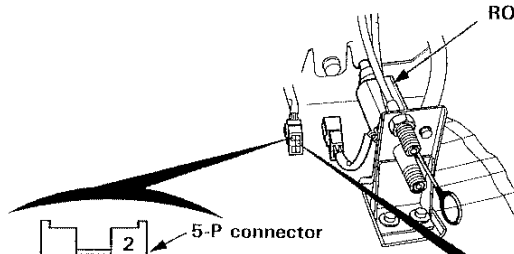
ROOF TILTER UNIT



View from terminal side



ROOF TILTER MOTOR



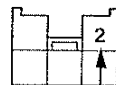
5-P connector

View from terminal side

LT GRN WIRE (TILT MTR PULS ⊕)



View from terminal side



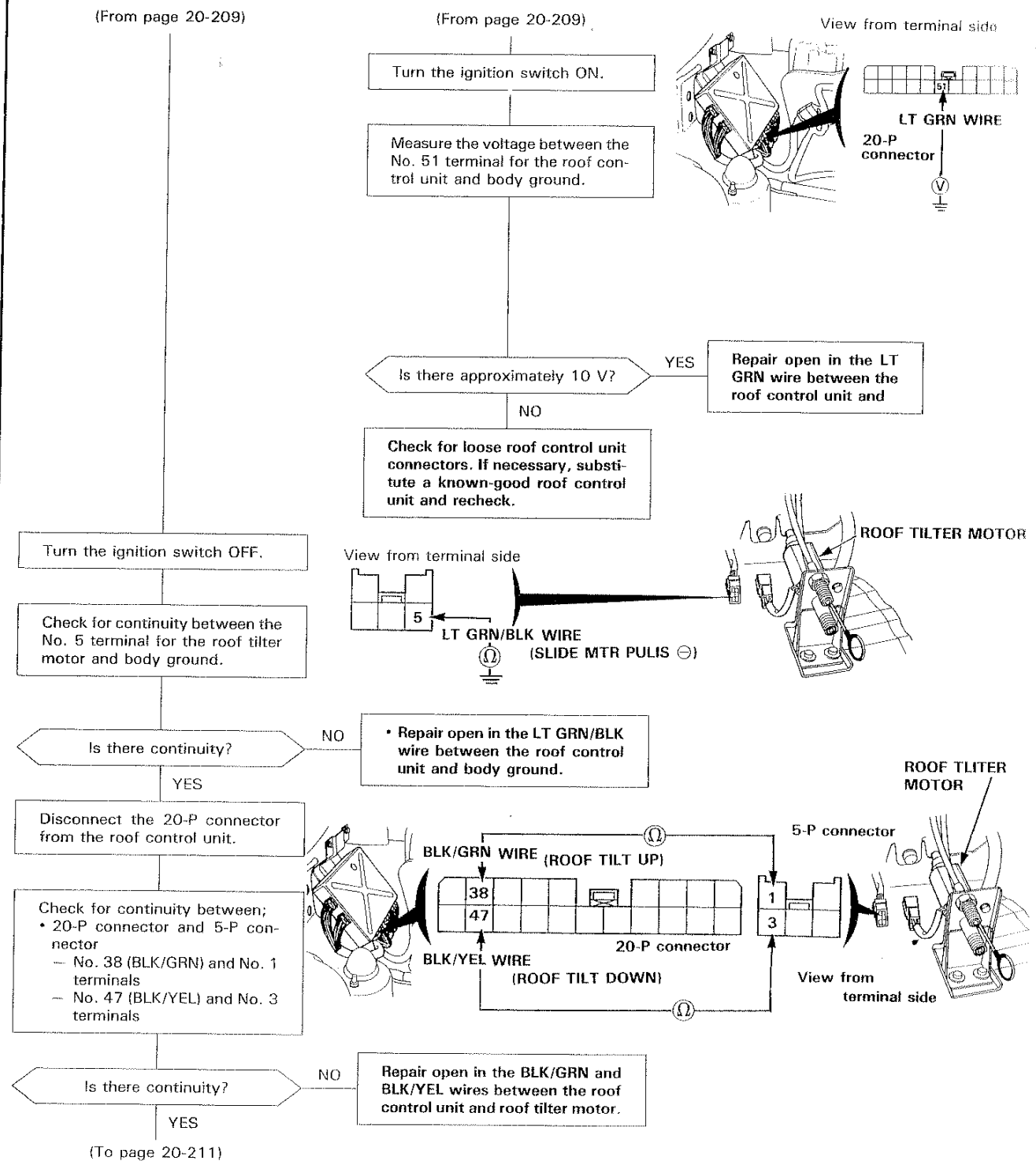
LT GRN WIRE (TILT MTR PULS ⊕)



(cont'd)

Power Roof

Troubleshooting Flow Chart (cont'd)





(From page 20-210)

Remove the roof tilter motor.

Check the roof tilter motor (see page 20-239).

Is it normal?

NO

Replace the roof tilter motor and recheck.

YES

Remove the roof tilter cable.

Check the roof tilter cable.

Is it normal?

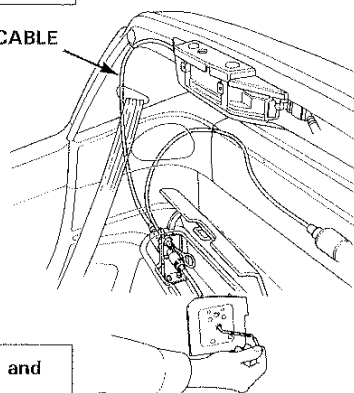
NO

Replace the roof tilter cable and recheck.

YES

Check for loose roof control unit connectors. If necessary, substitute a known-good roof control unit and recheck.

ROOF TILTER CABLE



(cont'd)

Power Roof

Troubleshooting Flow Chart (cont'd)

Problem code 4:

• CENTER LOCK SWITCH TEST

Turn the ignition switch OFF.

Disconnect the 5-P connector from the roof lifter motor and the 2-P connector from the slide motor.

Disconnect the 6-P connector from the roof tilter unit.

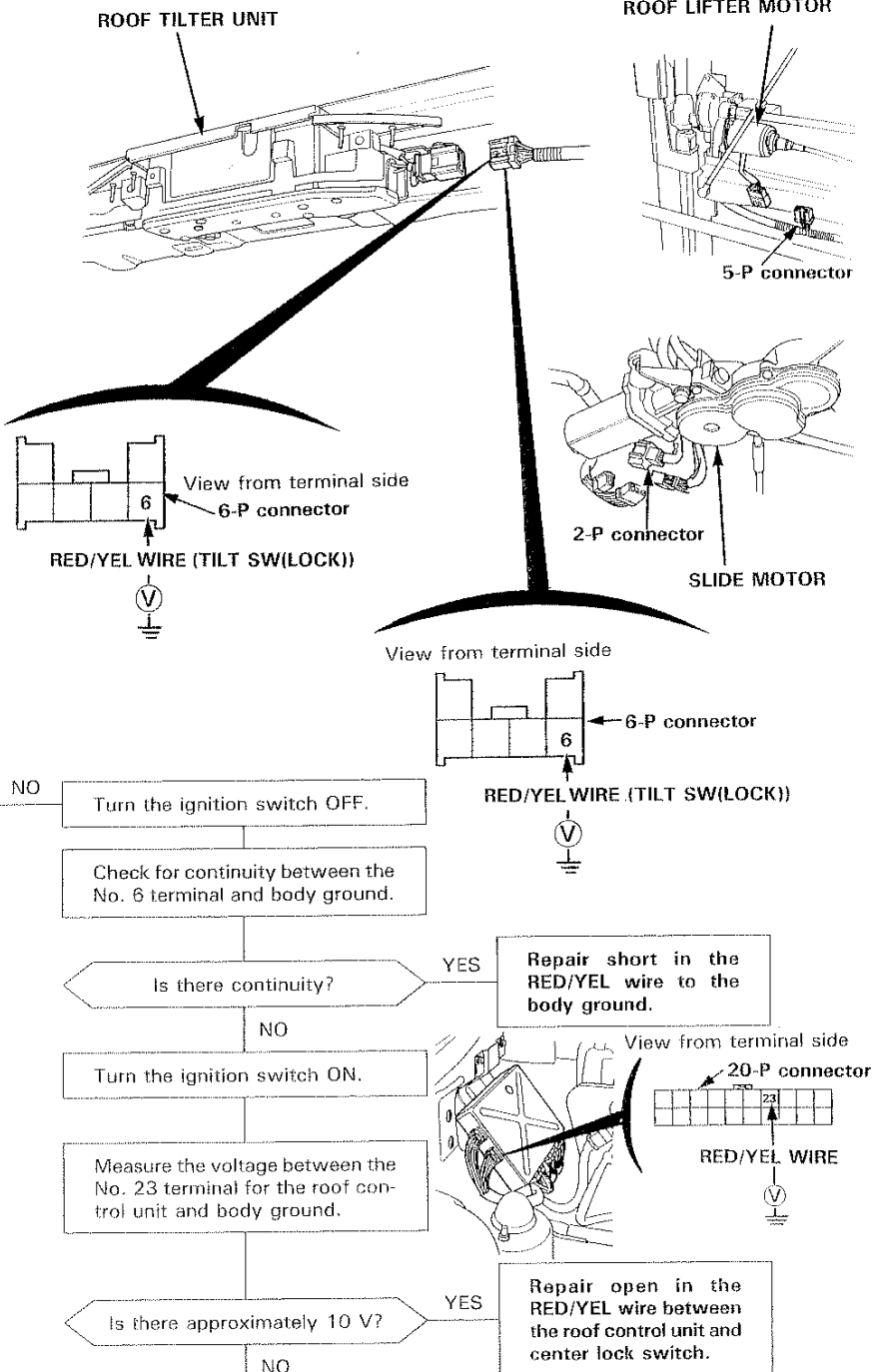
Turn the ignition switch ON.

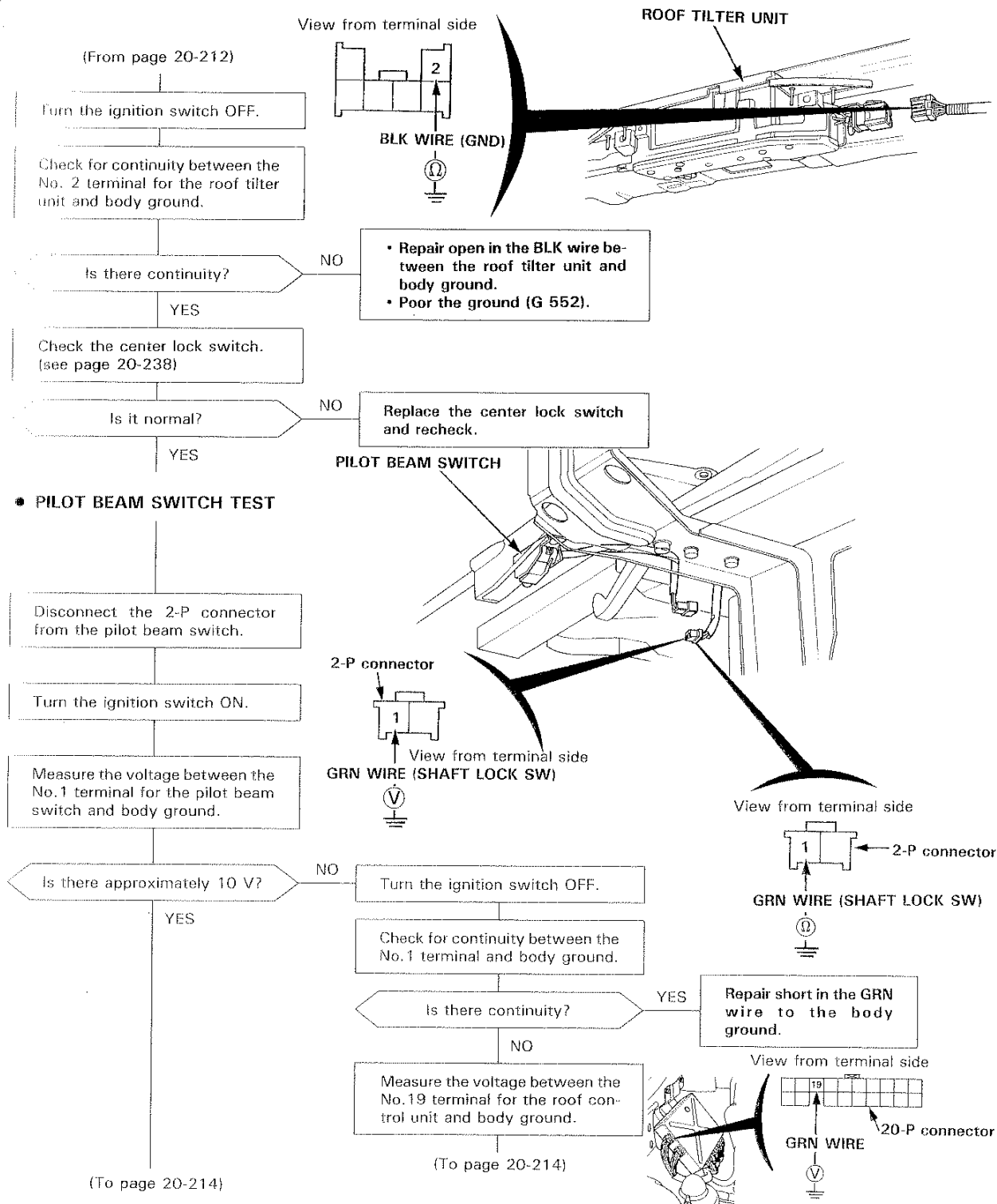
Measure the voltage between the No. 6 terminal for the roof tilter unit and body ground.

Is there approximately 10 V?

YES

(To page 20-213)

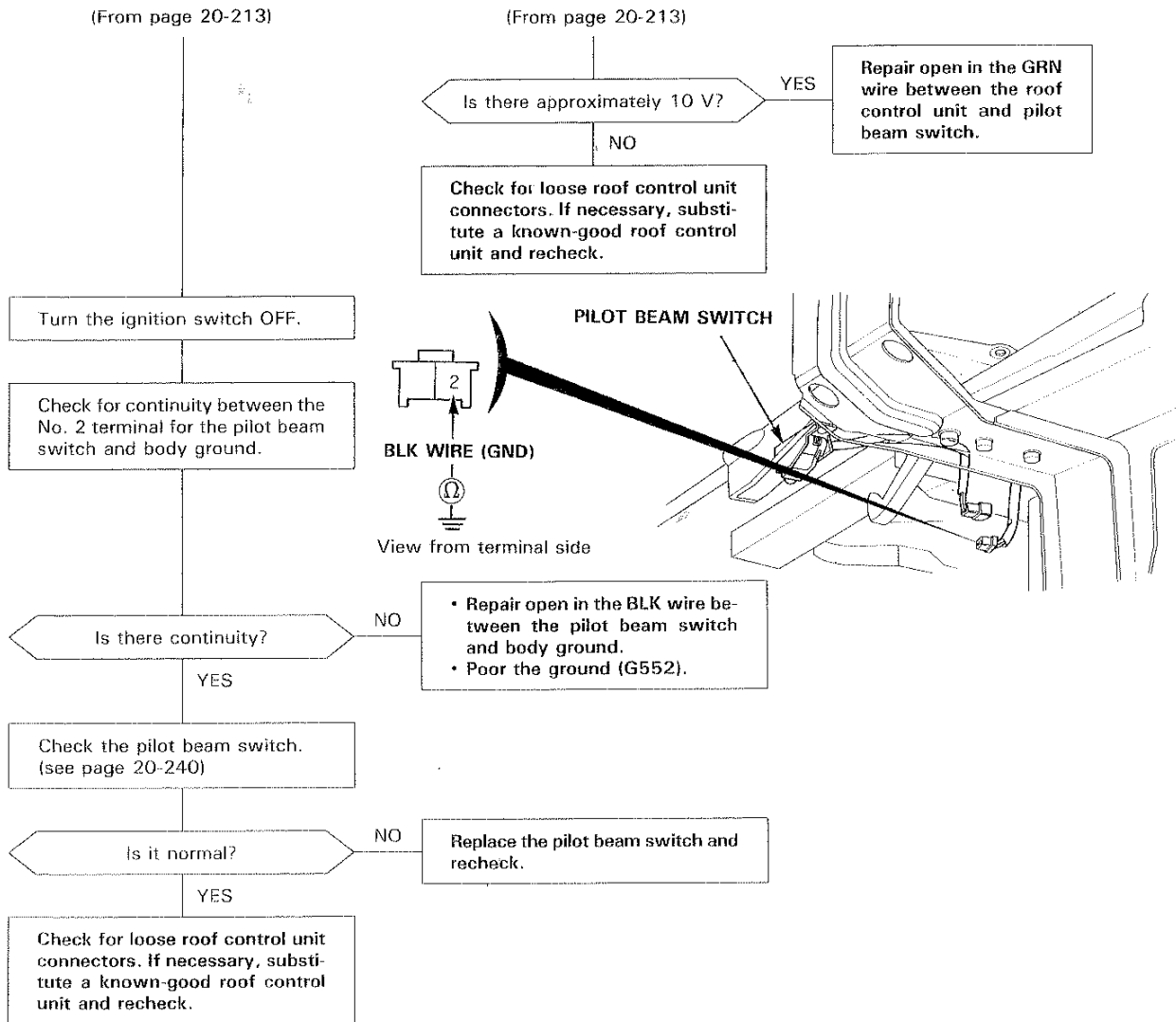




(cont'd)

Power Roof

Troubleshooting Flow Chart (cont'd)



(cont'd)



Power Roof

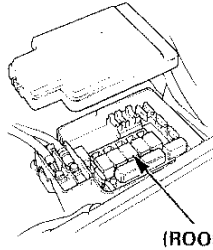
Troubleshooting Flow Chart (cont'd)

Problem code 5:

• TRUNK LOCK SWITCH TEST

Turn the ignition switch OFF.

Check the (ROOF) (30 A) fuse in the under-hood fuse/relay box.



(ROOF) (30 A)

Is it normal?

NO

Replace the (ROOF) (30 A) fuse and recheck.

YES

Disconnect the 5-P connector from the roof lifter motor and the 2-P connector from the slide motor.

Disconnect the 5-P connector from the trunk lock.

Turn the ignition switch ON.

Measure the voltage between the No. 4 and 5 terminals for the trunk lock and body ground.

Is there approximately 10 V?

NO

Turn the ignition switch OFF.

Check for continuity between the No. 4 and 5 terminals and body ground.

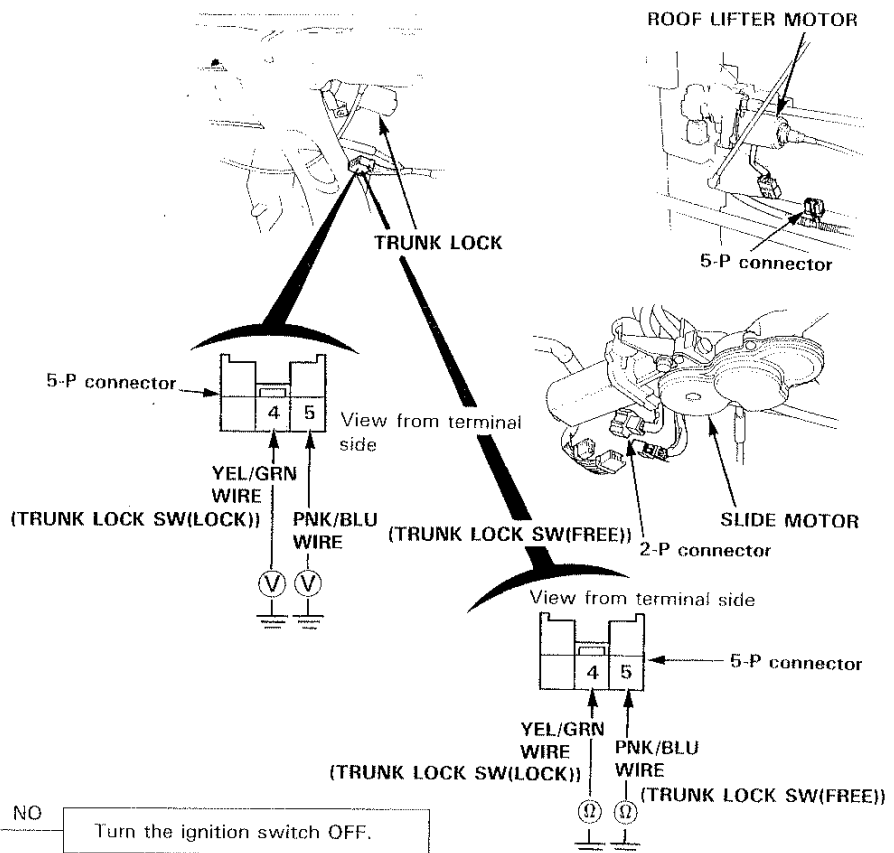
Is there continuity?

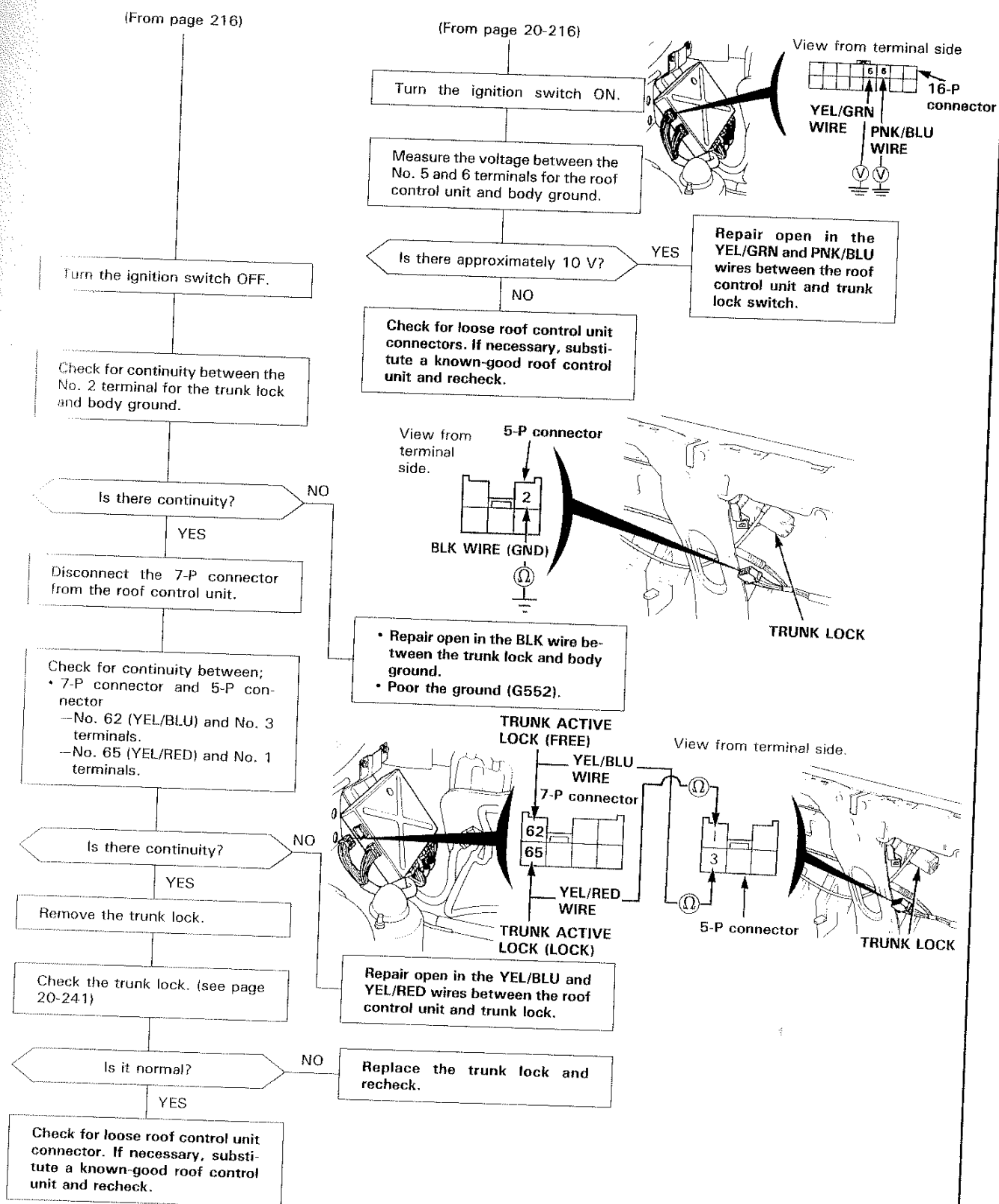
YES

Repair short in the YEL/GRN and PNK/BLU wire to the body ground.

(To page 20-217)

(To page 20-217)





Power Roof

Troubleshooting Flow Chart (cont'd)

Problem code 7:

NOTE: Perform these procedures after the user reports these difficulties and the diagnosis is determined.

• ROOF LOCK SWITCH TEST

Turn the ignition switch OFF.

Disconnect the 3-P connector from the right roof lock switch and the 3-P connector from the left roof lock switch.

Turn the ignition switch ON.

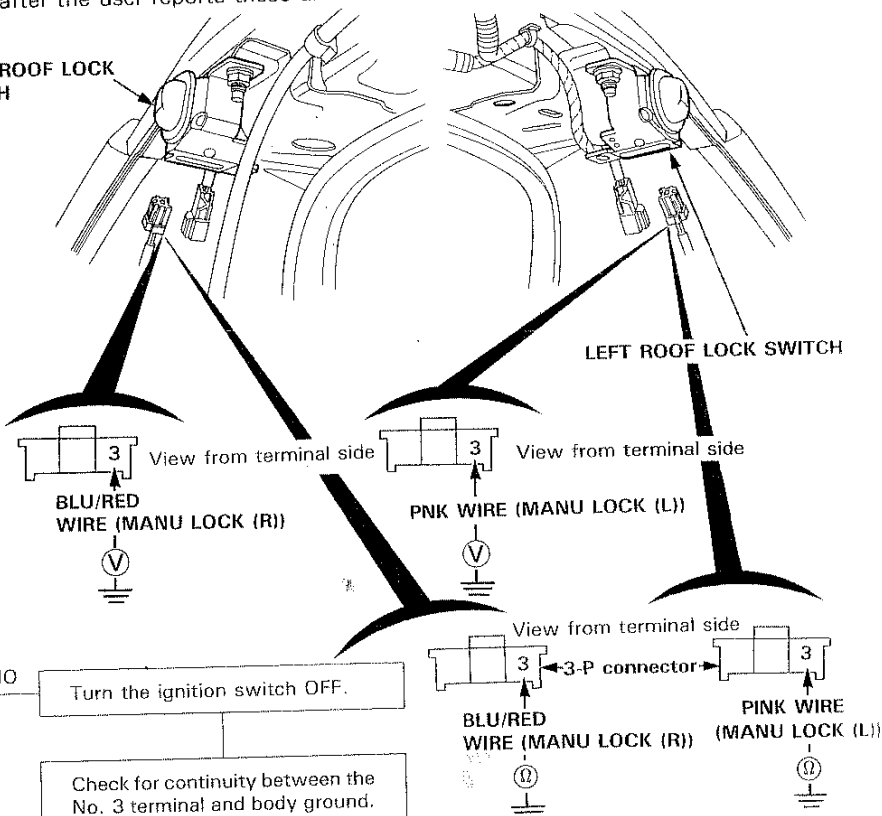
Measure the voltage between the No. 3 terminal for the roof lock switch and body ground.

Is there approximately 10 V?

YES

(To page 20-219)

RIGHT ROOF LOCK SWITCH



Turn the ignition switch OFF.

Check for continuity between the No. 3 terminal and body ground.

Is there continuity?

Repair short in the BLU/RED and PNK wires to the body ground.

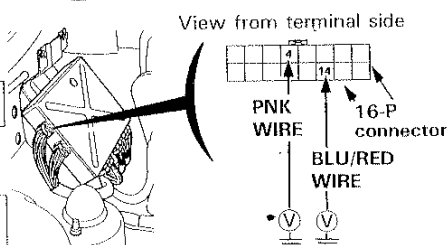
Turn the ignition switch ON.

Measure the voltage between the No. 4 and 14 terminals for the roof control unit and body ground.

Is there approximately 10 V?

NO

Check for loose roof control unit connectors. If necessary, substitute a known-good roof control unit and recheck.



Repair open in the BLU/RED and PNK wires between the roof control unit and roof lock switch.



(From page 218)

Turn the ignition switch OFF.

Check for continuity between the No. 2 terminal for the roof lock switch and body ground.

Is there continuity?

NO

- Repair open in the BLK wire between the roof lock switch and body ground.
- Poor the ground (G552).

YES

Check the roof lock switch (see page 20-242).

Is it normal?

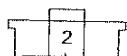
NO

Replace the roof lock switch and recheck.

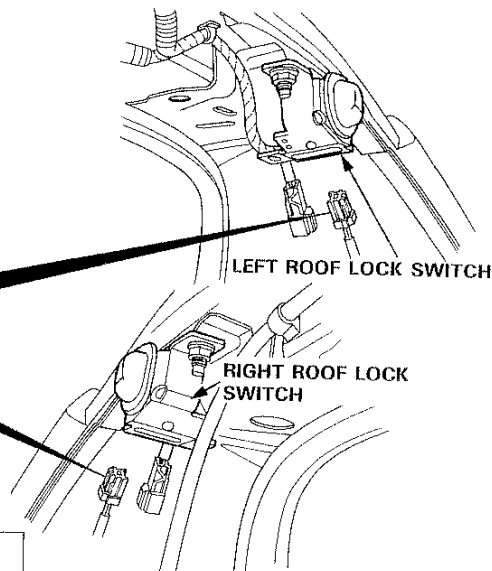
YES

Check for loose roof control unit connectors. If necessary, substitute a known-good roof control unit and recheck.

View from terminal side



BLK WIRE (GND)



LEFT ROOF LOCK SWITCH

RIGHT ROOF LOCK SWITCH

(cont'd)

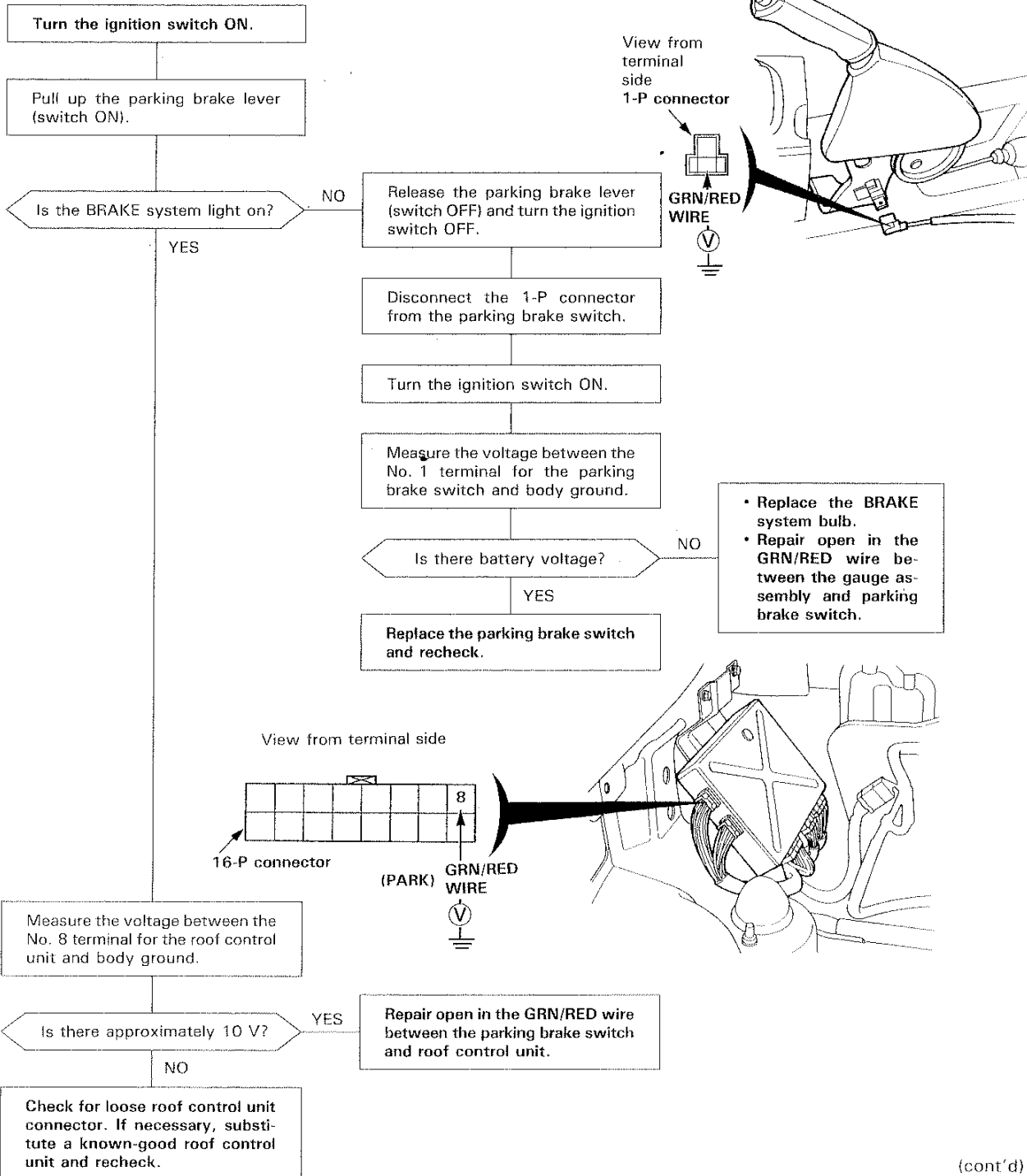
Power Roof

Troubleshooting Flow Chart (cont'd)

Problem code 8:

NOTE: perform these procedures after the user reports these difficulties and the diagnosis is determined.

● PARKING BRAKE SWITCH TEST



(cont'd)



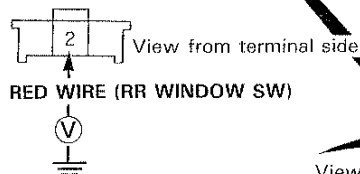
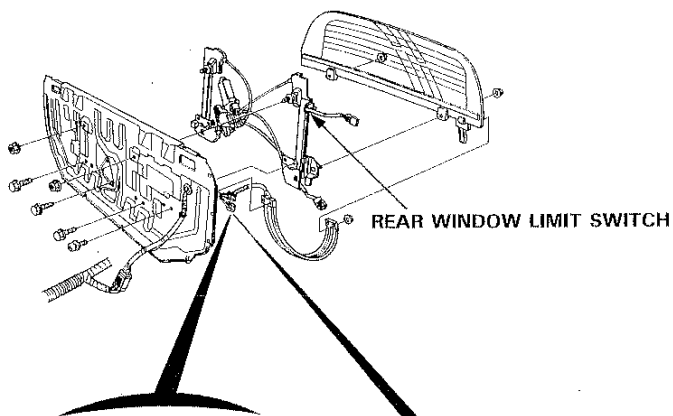
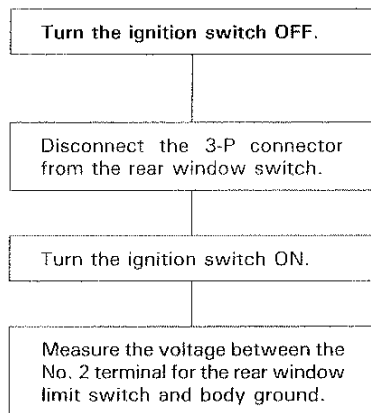
Power Roof

Troubleshooting Flow Chart (cont'd)

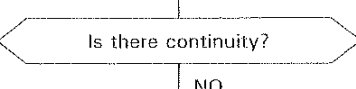
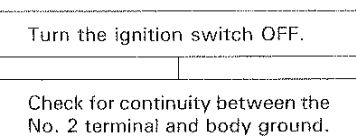
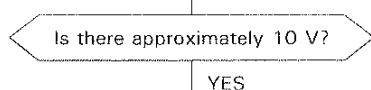
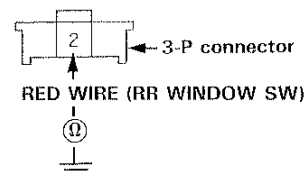
Problem code 9:

NOTE: Perform these procedures after the user reports these difficulties and the diagnosis is determined.

• REAR WINDOW SWITCH TEST

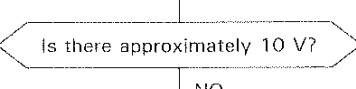
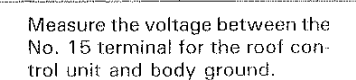
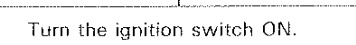


View from terminal side

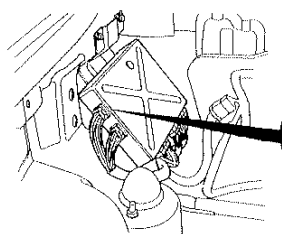
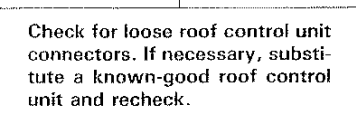


Repair short in the RED wire to the body ground.

View from terminal side



Repair open in the RED wire between the roof control unit and rear window limit switch.



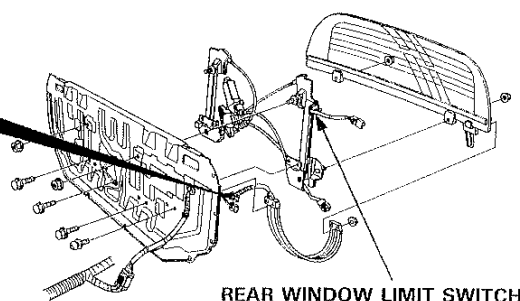
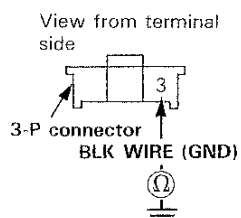
(To page 20-223)



(From page 20-222)

Turn the ignition switch OFF.

Check for continuity between the No. 3 terminal for the rear window limit switch and body ground.



Is there continuity?

NO

- Repair open in the BLK wire between the rear window limit switch and body ground.
- Poor the ground.

YES

Check the rear window limit switch (see page 20-231).

Is it normal?

NO

Replace the rear window limit switch and recheck.

YES

Check for loose roof control unit connectors. If necessary, substitute a known-good roof control unit and recheck.

(cont'd)

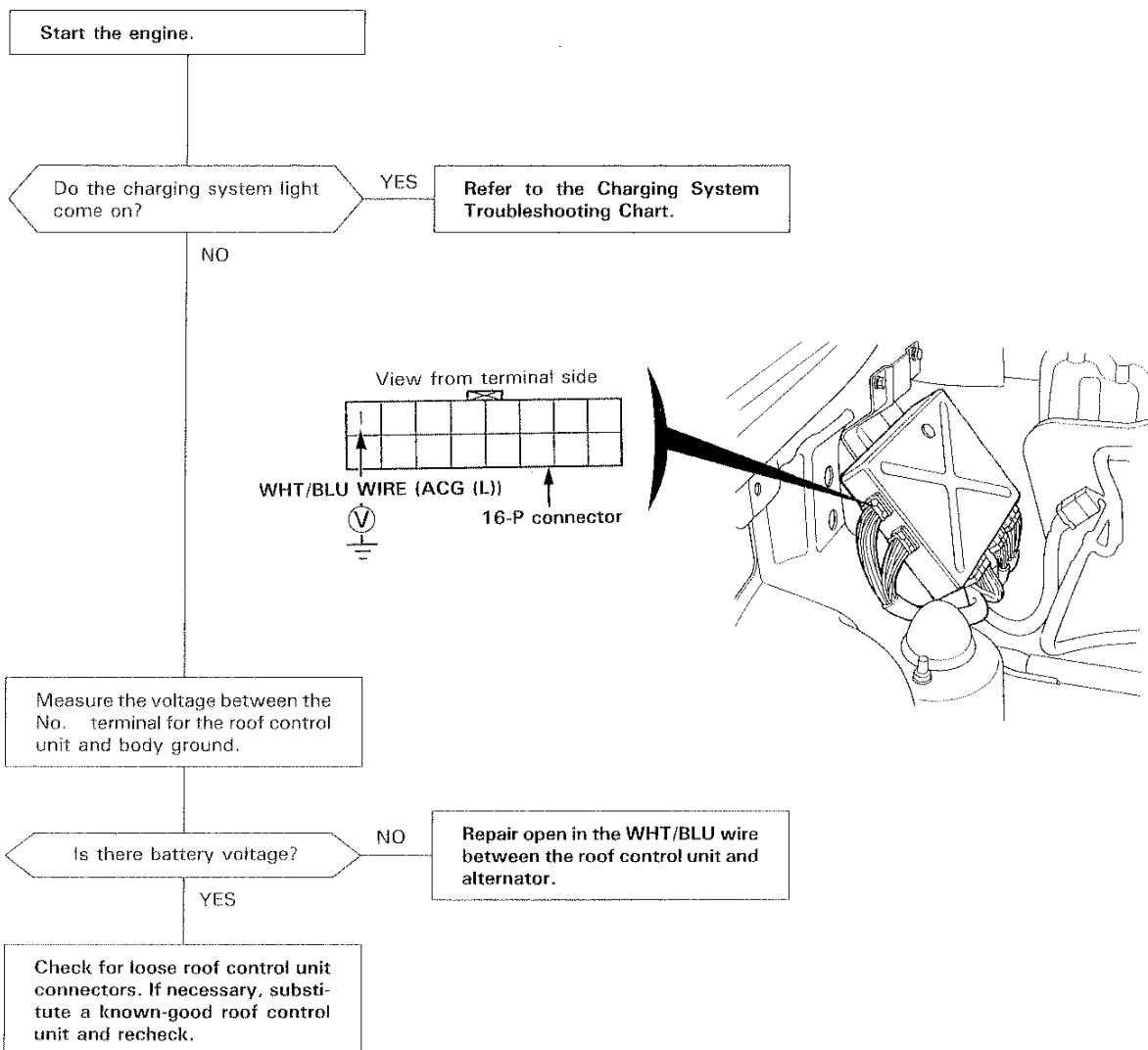
Power Roof

Troubleshooting Flow Chart (cont'd)

Problem code 10:

NOTE: Perform these procedures after the user reports these difficulties and the diagnosis is determined.

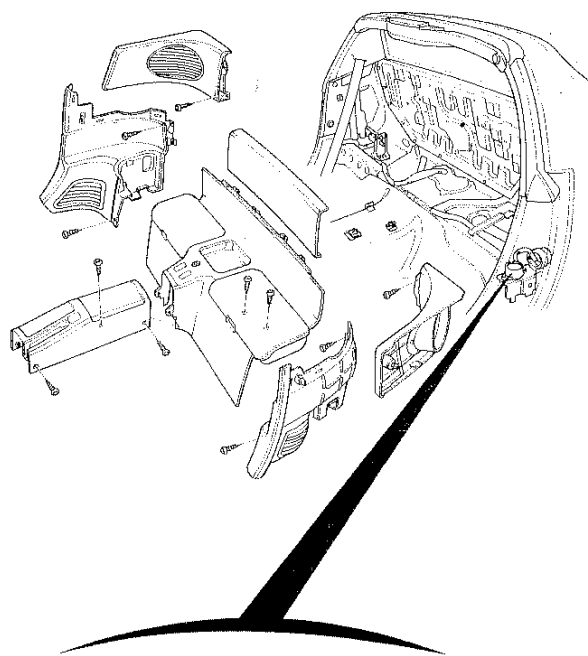
• ALTERNATOR TEST



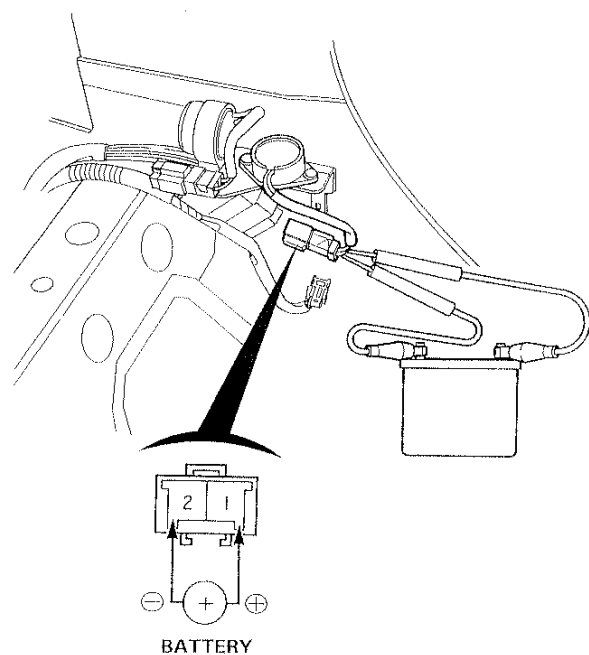


Power Roof

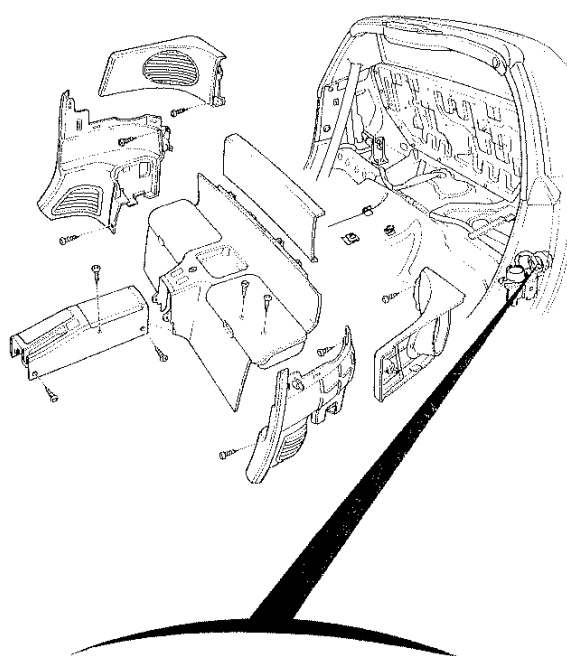
Alarm Test



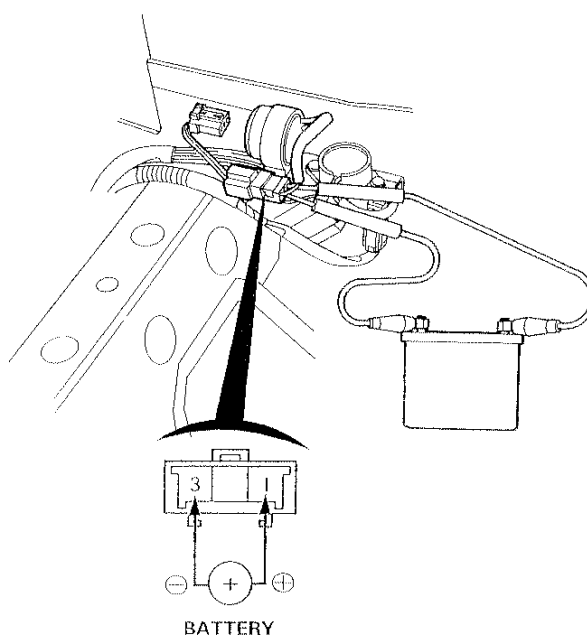
● Operation Alarm



- (1) Connect the No. 1 terminal to the battery positive (+) terminal and the No. 2 terminal to the battery negative (-) terminal, and be sure that the alarm sounds.



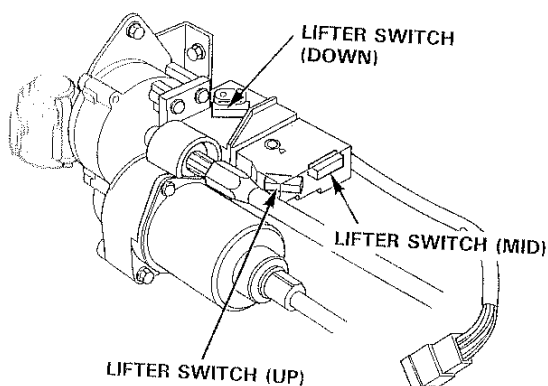
● Warning Alarm



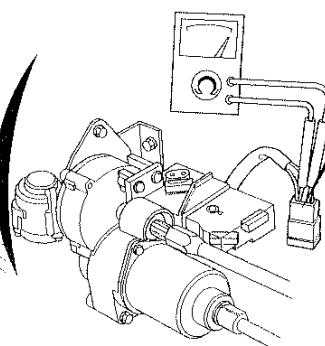
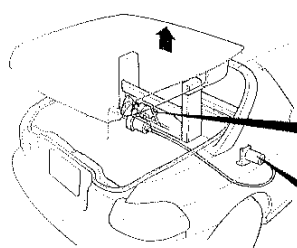
- (1) Connect the No. 1 terminal to the battery positive (+) terminal and the No. 3 terminal to the battery negative (-) terminal, and be sure that the alarm sounds.



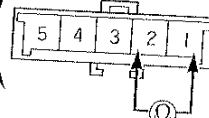
Lifter Switch Test



• LIFTER SWITCH "UP"

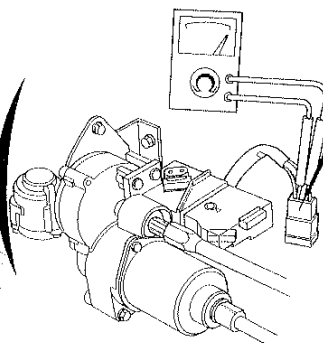
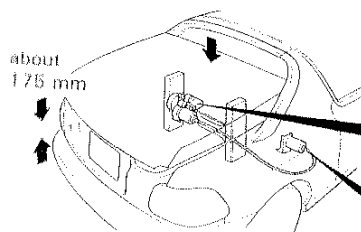


(View from terminal side)

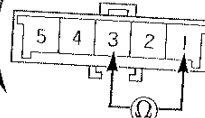


- (1) Lift the boot lid to the "UP" position, and be sure that there is continuity between the No. 1 and No. 2 terminals.
- (2) Be sure that there is no continuity between the No. 1 and No. 2 terminals when the boot lid is in any position but the "UP" position.

• LIFTER SWITCH "MID"

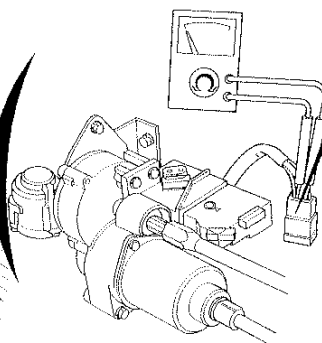
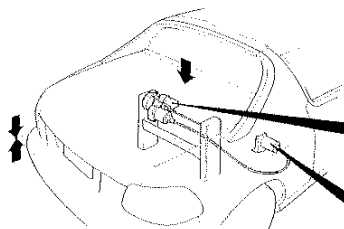


(View from terminal side)

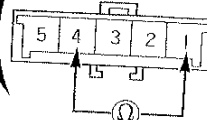


- (1) Lift the boot lid to the "MID" position, and be sure that there is continuity between the No. 1 and No. 3 terminals.
- (2) Be sure that there is no continuity between the No. 1 and No. 3 terminals when the boot lid is in any position but the "MID" position.

• LIFTER SWITCH "DOWN"



(View from terminal side)

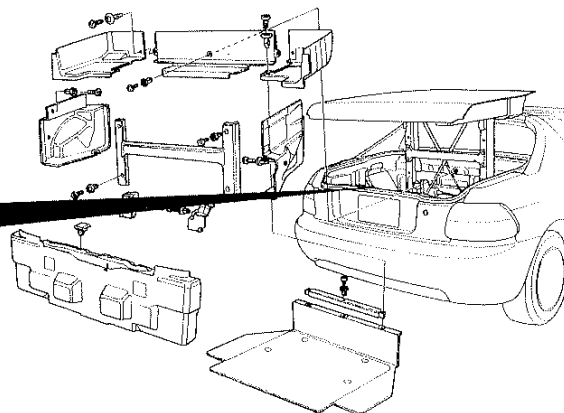
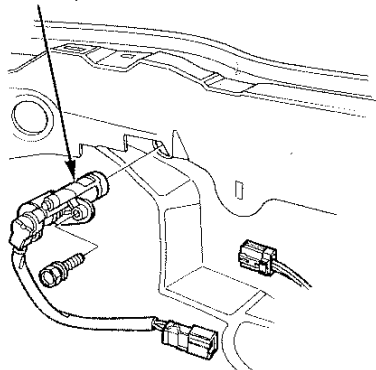


- (1) Lower the boot lid to the "DOWN" position, and be sure that there is continuity between the No. 1 and No. 4 terminals.
- (2) Be sure that there is no continuity between the No. 1 and No. 4 terminals when the boot lid is in any position but the "DOWN" position.

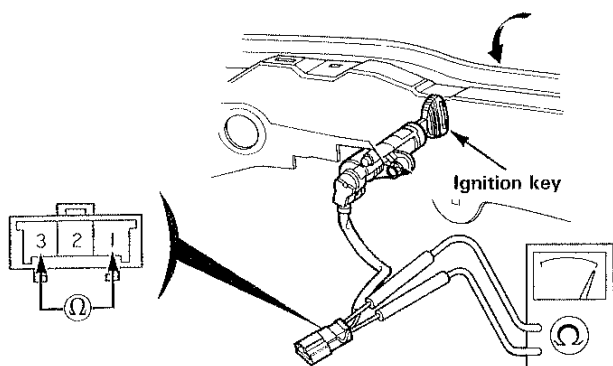
Power Roof

Trunk Key Switch Test

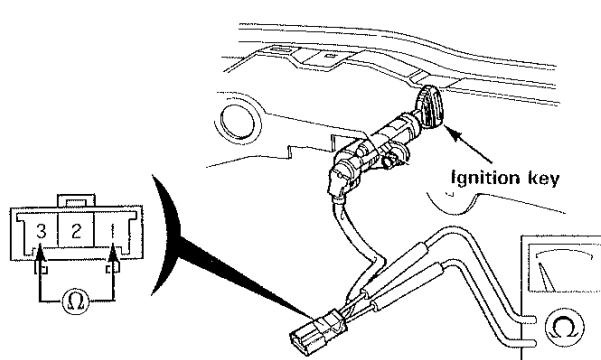
Trunk Key Switch



● Trunk key switch "OPEN"

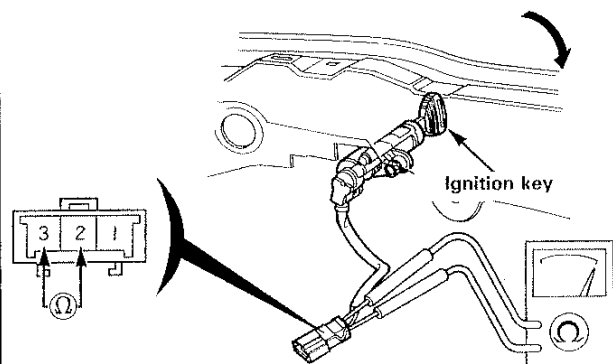


- (1) Turn the ignition key clockwise and be sure that there is continuity between the No. 3 and No. 1 terminals.

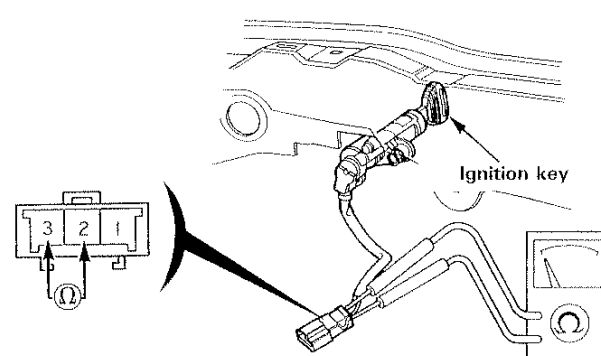


- (2) Release the ignition key and be sure that there is no continuity between the No. 3 and No. 1 terminals.

● Trunk key switch "CLOSE"



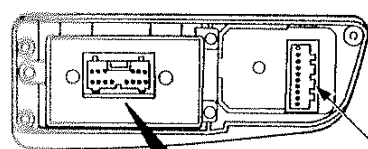
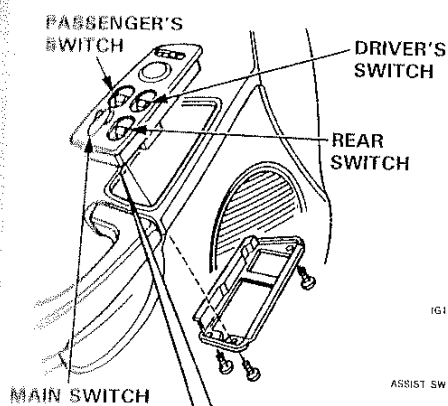
- (1) Turn the ignition key counterclockwise and be sure that there is continuity between the No. 3 and No. 2 terminals.



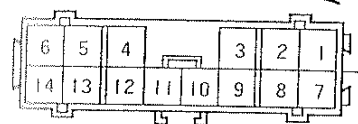
- (2) Release the ignition key and be sure that there is no continuity between the No. 3 and No. 2 terminals.



Power Windows Switch Test



10-P connector



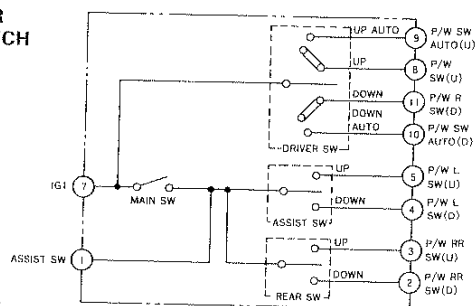
- (1) Remove the door lining and disconnect the 5P connector.
- (2) Check for continuity between the terminals with the switch set at the "OFF", "UP" and "DOWN" positions respectively. There must be continuity between the terminals marked with circle in the following table.

PASSENGER'S WINDOW SWITCH

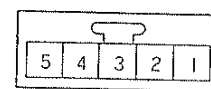
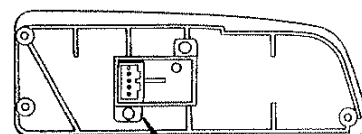
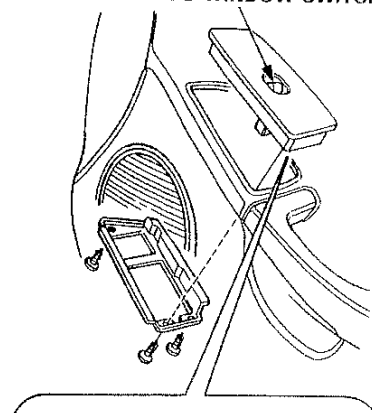
Terminal	1	3	5
Position			
OFF			
UP		○	○
DOWN	○		○

REAR WINDOW SWITCH

Terminal	1	2	3	7
Position				
OFF				
UP	○		○	○
DOWN	○	○		○



PASSENGER'S WINDOW SWITCH



- (1) Remove the driver side door lining and disconnect the 10P and 14P connectors.
- (2) Check for continuity between the terminals with the switch set at each position. There must be continuity between the terminals marked with circle in the following table.

DRIVER'S WINDOW SWITCH (POWER WINDOW MASTER SWITCH)

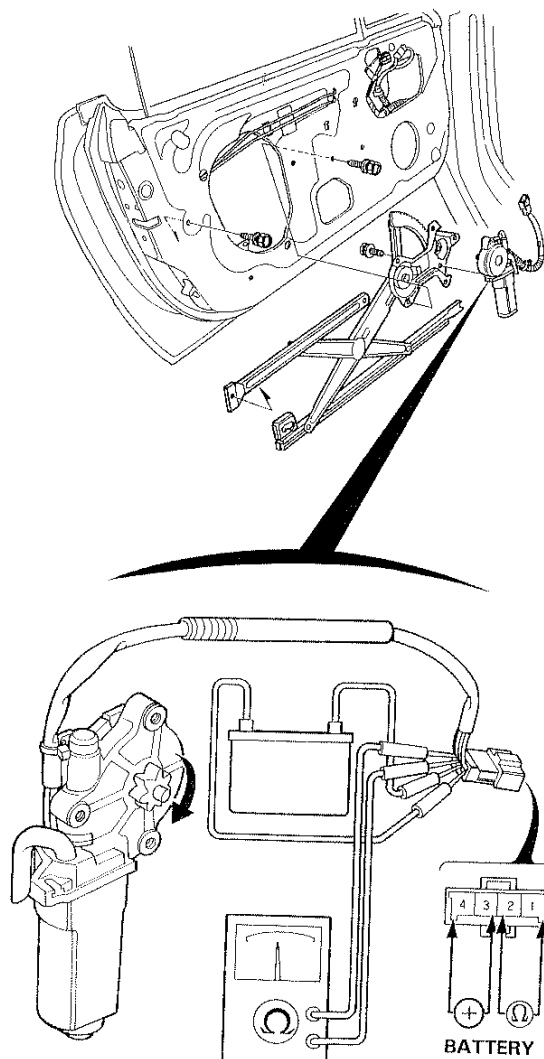
Terminal	7	8	9	10	11
Position					
OFF					
UP (AUTO)	○	○	○		
UP	○	○			
DOWN	○				○
DOWN (AUTO)	○			○	○

PASSENGER'S WINDOW SWITCH (POWER WINDOW MASTER SWITCH)

Terminal	1	4	5	7
Position				
OFF				
UP	○		○	○
DOWN	○	○		○

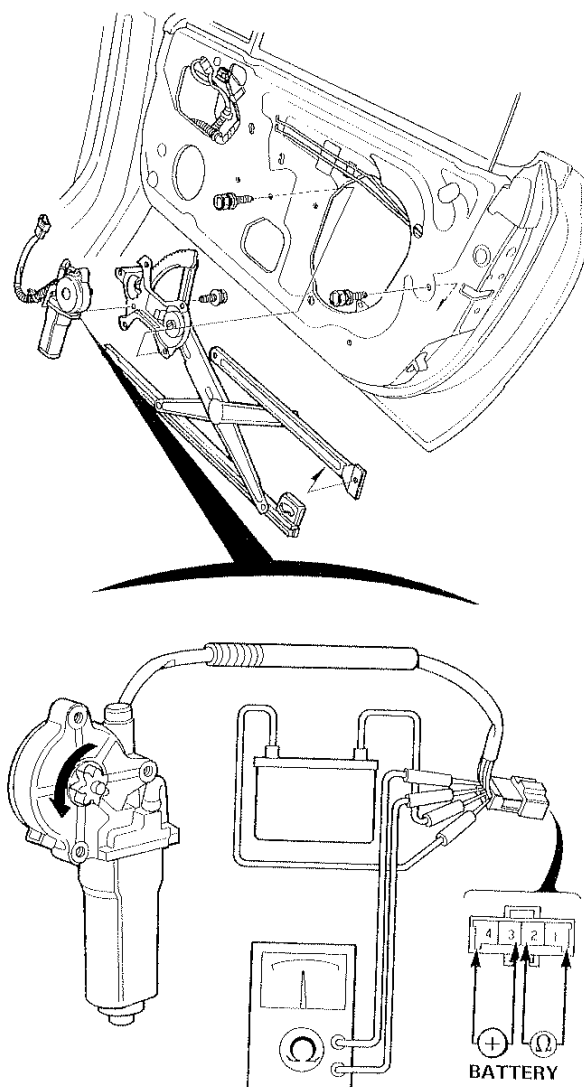
Power Roof

Driver's Window Motor Test



- (1) Remove the door lining and disconnect the power window motor 4P connector.
- (2) Apply battery voltage between the No. 3 and No. 4 terminals. Be sure that there is no abnormal motor sound and that the motor turns smoothly.
- (3) Using an analog tester, check for continuity between the No. 1 and No. 2 terminals while the motor is ON. Be sure that the tester needle swings near to the neutral.

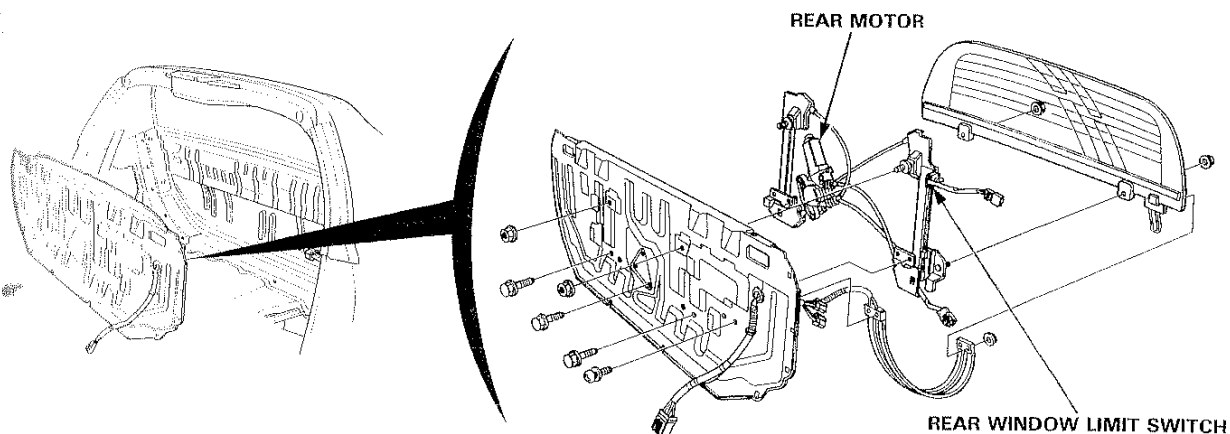
Passenger's Window Motor Test



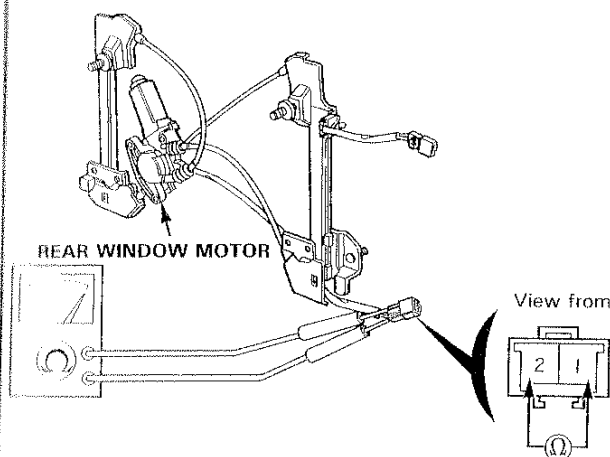
- (1) Remove the door lining and disconnect the power window motor 4P connector.
- (2) Apply battery voltage between the No. 3 and No. 4 terminals. Be sure that there is no abnormal motor sound and that the motor turns smoothly.
- (3) Using an analog tester, check for continuity between the No. 1 and No. 2 terminals while the motor is ON. Be sure that the tester needle swings near to the neutral.



Rear Window Limit Switch Test — Rear Window Motor Test

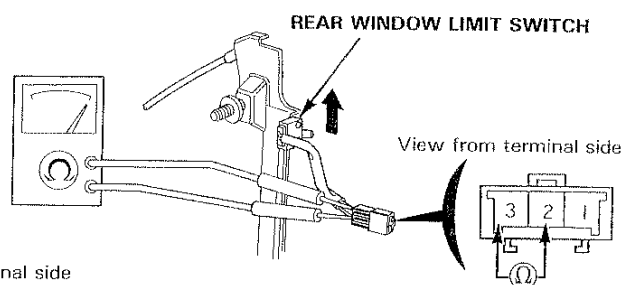


• Rear window motor



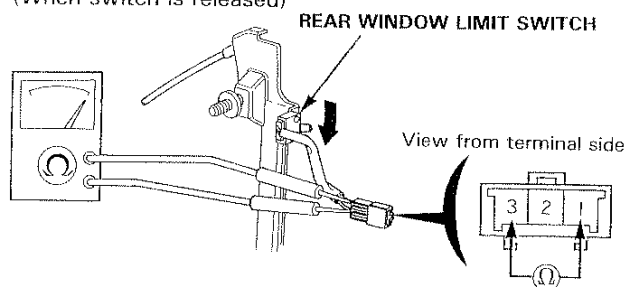
- (1) Check to be sure that there is continuity between the No. 1 and No. 2 terminals.

• Rear window limit switch (When switch is up)



- (1) There must be continuity between the No. 2 and No. 3 terminals.
- (2) There must be no continuity between the No. 1 and No. 3 terminals.

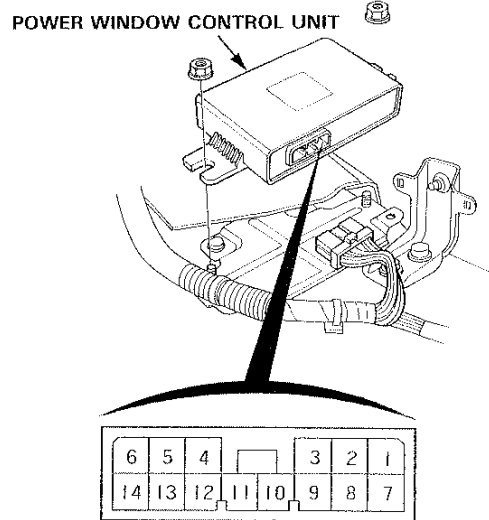
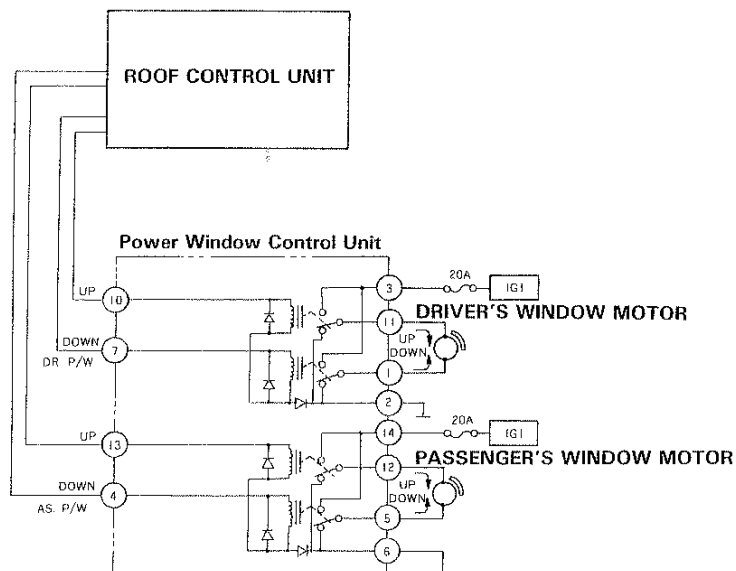
(When switch is released)



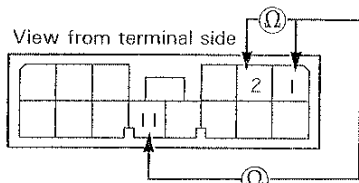
- (1) There must be continuity between the No. 1 and No. 3 terminals.
- (2) There must be no continuity between the No. 2 and No. 3 terminals.

Power Roof

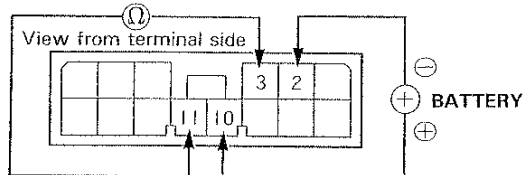
Power Window Control Unit Test



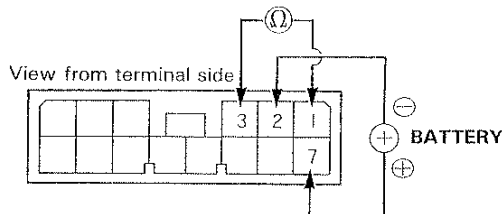
• DRIVER'S SIDE



- (1) Be sure that there is continuity between the No. 1 and No. 2 and No. 11 terminals.

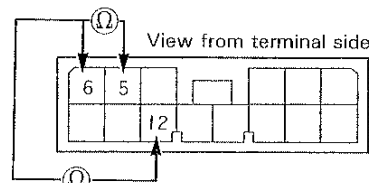


- (2) Connect the No. 10 terminal to the battery positive (+) terminal and the No. 2 terminal to the battery negative (-) terminal. There must be continuity between the No. 3 and No. 11 terminals.

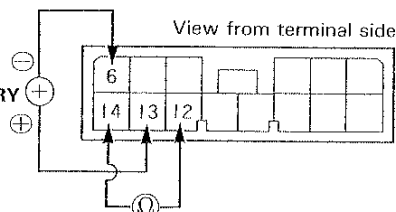


- (3) Connect the No. 7 terminal to the battery positive (+) terminal and the No. 2 terminal to the battery negative (-) terminal. Be sure there is continuity between the No. 3 and No. 1 terminals.

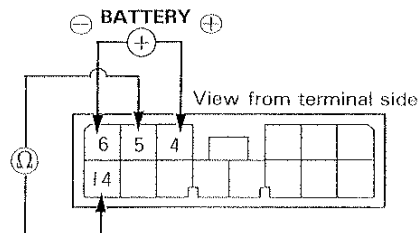
• PASSENGER'S SIDE



- (1) Be sure that there is continuity between the No. 5 and No. 6 and No. 12 terminals.



- (2) Connect the No. 13 terminal to the battery positive (+) terminal and the No. 6 terminal to the battery negative (-) terminal. There must be continuity between the No. 12 and No. 14 terminals.



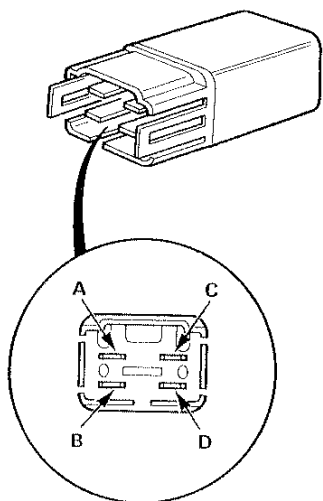
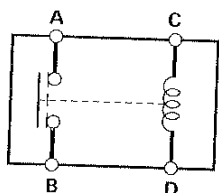
- (3) Connect the No. 4 terminal to the battery positive (+) terminal and the No. 6 terminal to the battery negative (-) terminal. There must be continuity between the No. 14 and No. 5 terminals.



Power Window Relay Test

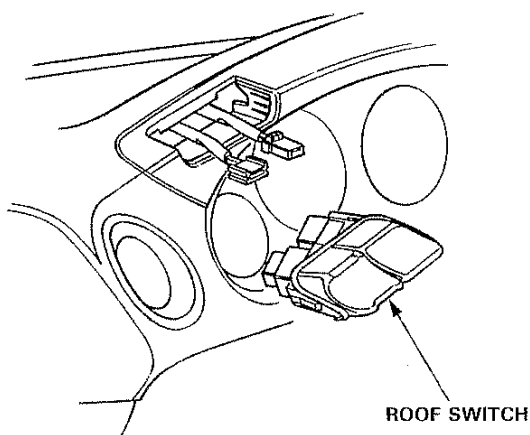
- (1) Remove the relay.
- (2) Be sure there is no continuity between the terminals A and B.
- (3) Check that there is continuity between the terminals C and D.
- (4) Apply battery voltage between the terminals C and D, and be sure that there is continuity between the terminals A and B.

Relay Circuit Diagram;



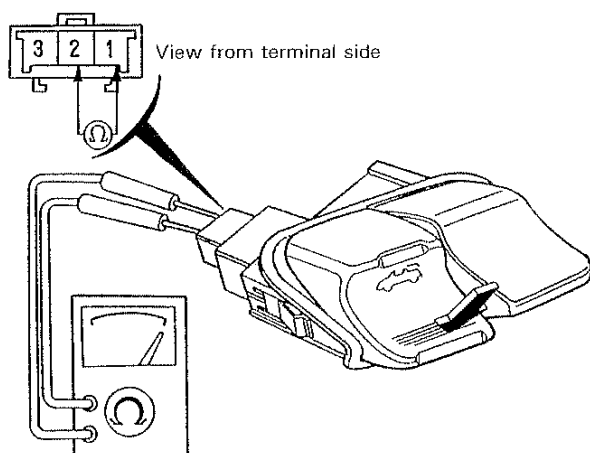
Power Roof

Roof Switch Test

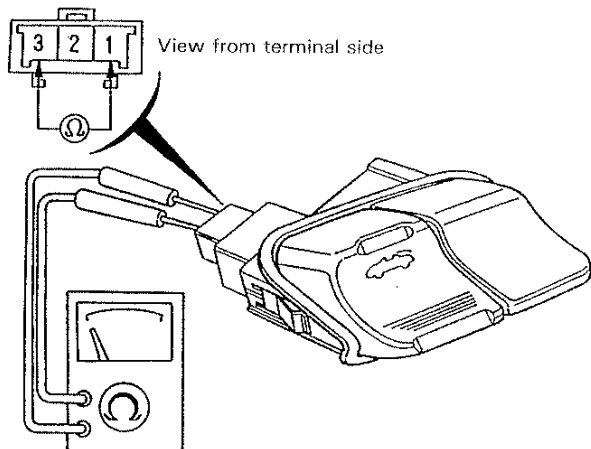


• Roof switch (OPEN/CLOSE)

- (1) Push the roof switch (OPEN/CLOSE), and be sure that there is continuity between the No. 1 and No. 2 terminals.

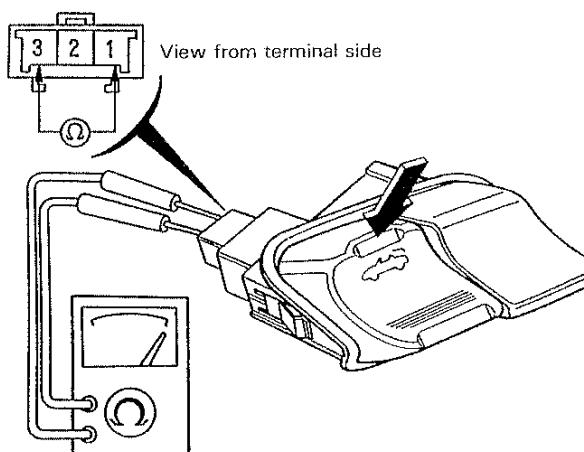


- (2) Release the roof switch (OPEN/CLOSE). There must be no continuity between the No. 1 and No. 2 terminals.

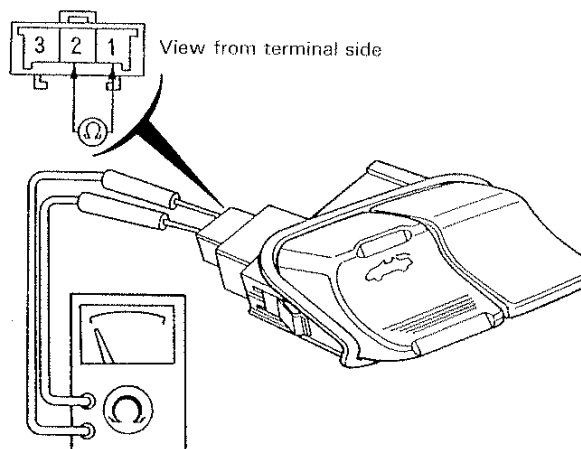


• Roof switch (REVERSE)

- (1) Push the roof switch (REVERSE), and be sure that there is continuity between the No. 1 and No. 3 terminals.

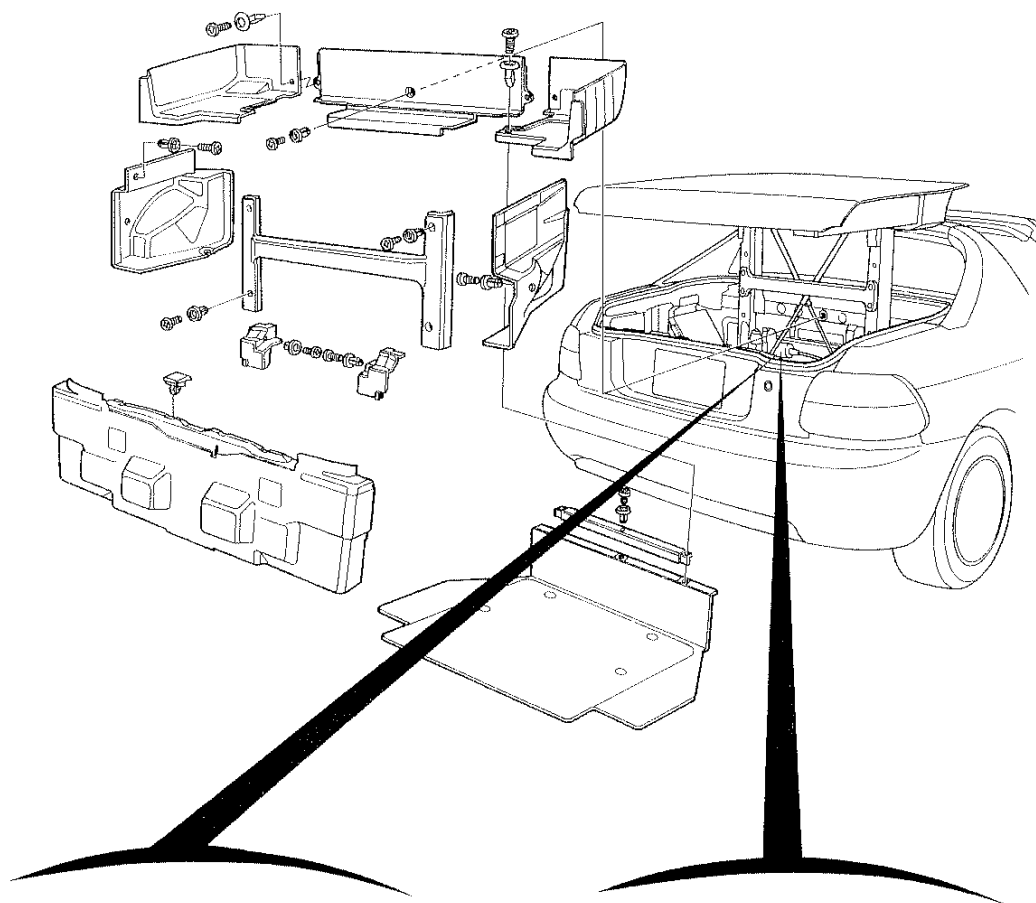


- (2) Release the roof switch (REVERSE). There must be no continuity between the No. 1 and No. 3 terminals.



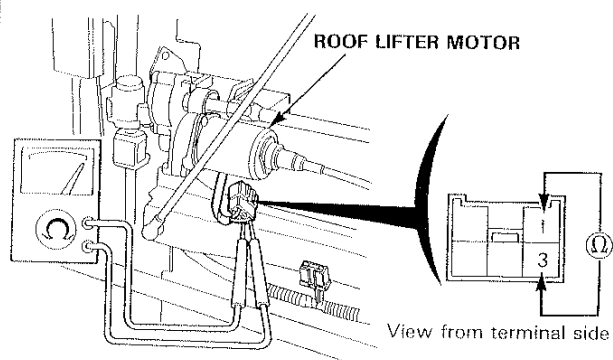


Roof Lifter Motor Test

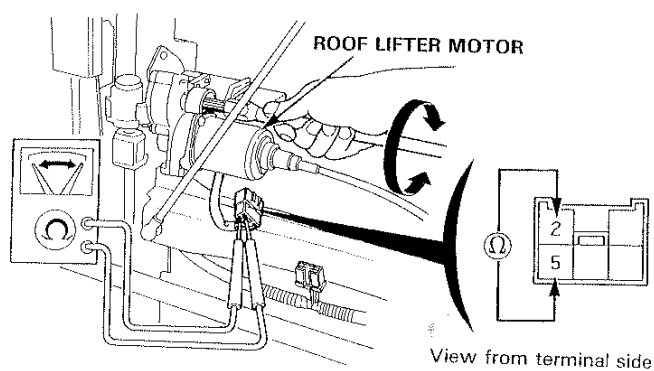


● Roof lifter motor coil

● Roof lifter motor pulse



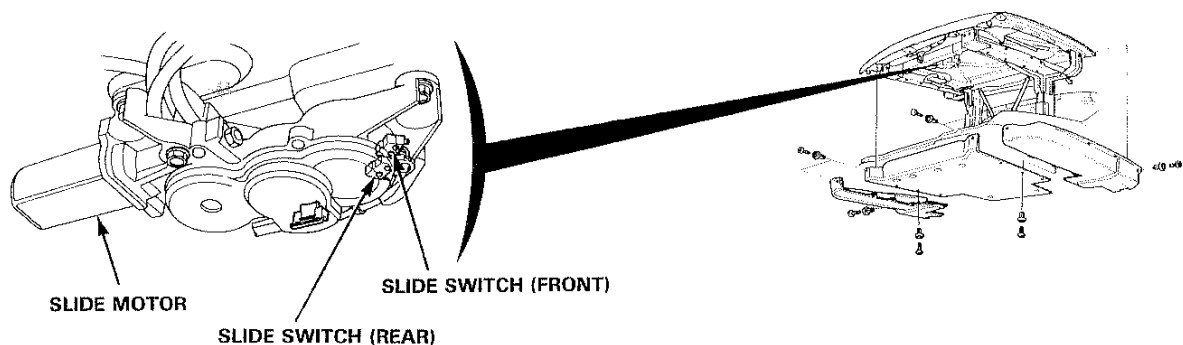
(1) Be sure that there is continuity between the No. 1 and No. 3 terminals.



(1) Rotate the lift shaft by hand and be sure that there is intermittent continuity between the No. 2 and No. 5 terminals.

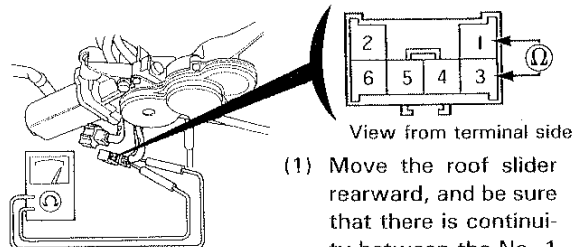
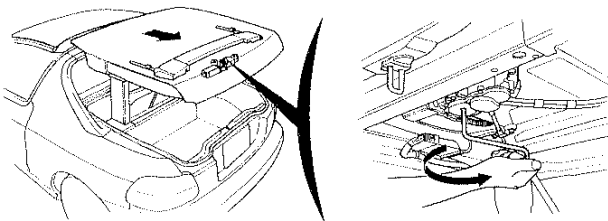
Power Roof

Slide Switch Test



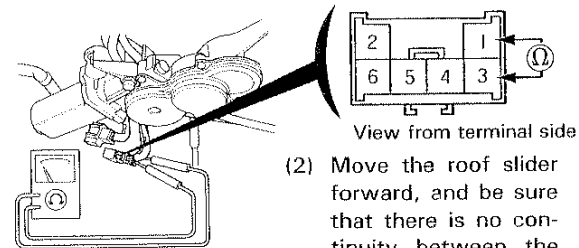
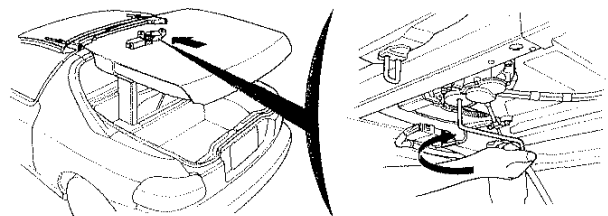
● Slide switch (REAR)

Roof slider moved rearward (Fully)



- (1) Move the roof slider rearward, and be sure that there is continuity between the No. 1 and No. 3 terminals.

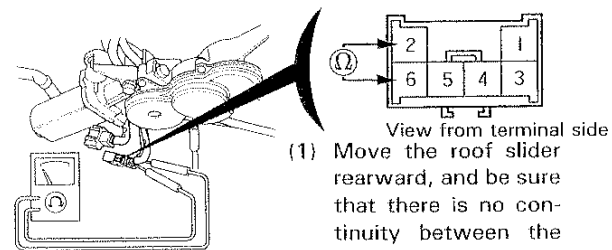
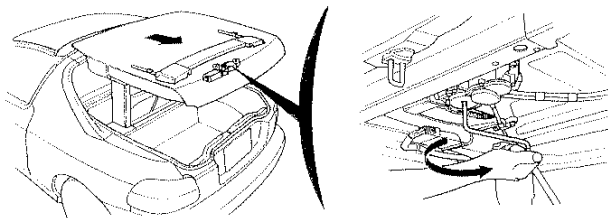
Roof slider moved forward (Fully)



- (2) Move the roof slider forward, and be sure that there is no continuity between the No. 1 and No. 3 terminals.

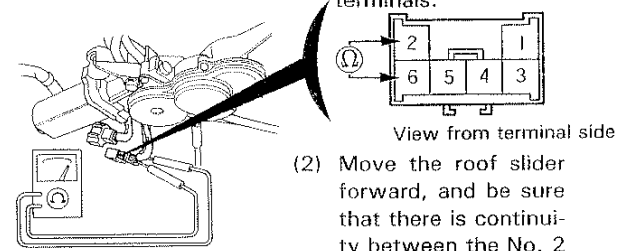
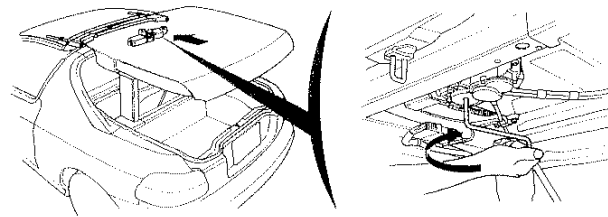
● Slide switch (FRONT)

Roof slider moved rearward (Fully)



- (1) Move the roof slider rearward, and be sure that there is no continuity between the No. 2 and No. 6 terminals.

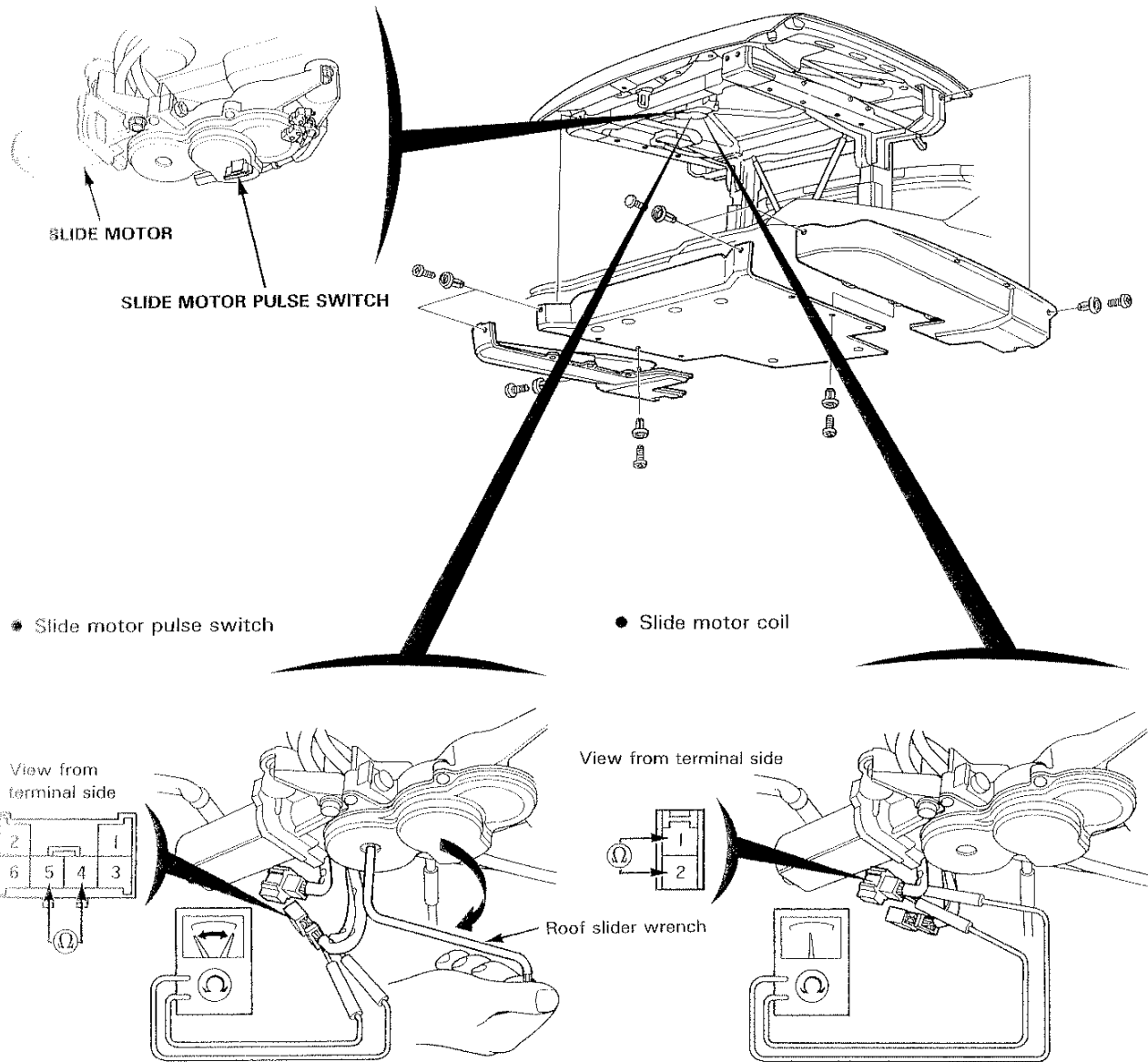
Roof slider moved forward (Fully)



- (2) Move the roof slider forward, and be sure that there is continuity between the No. 2 and No. 6 terminals.



Slide Motor Test

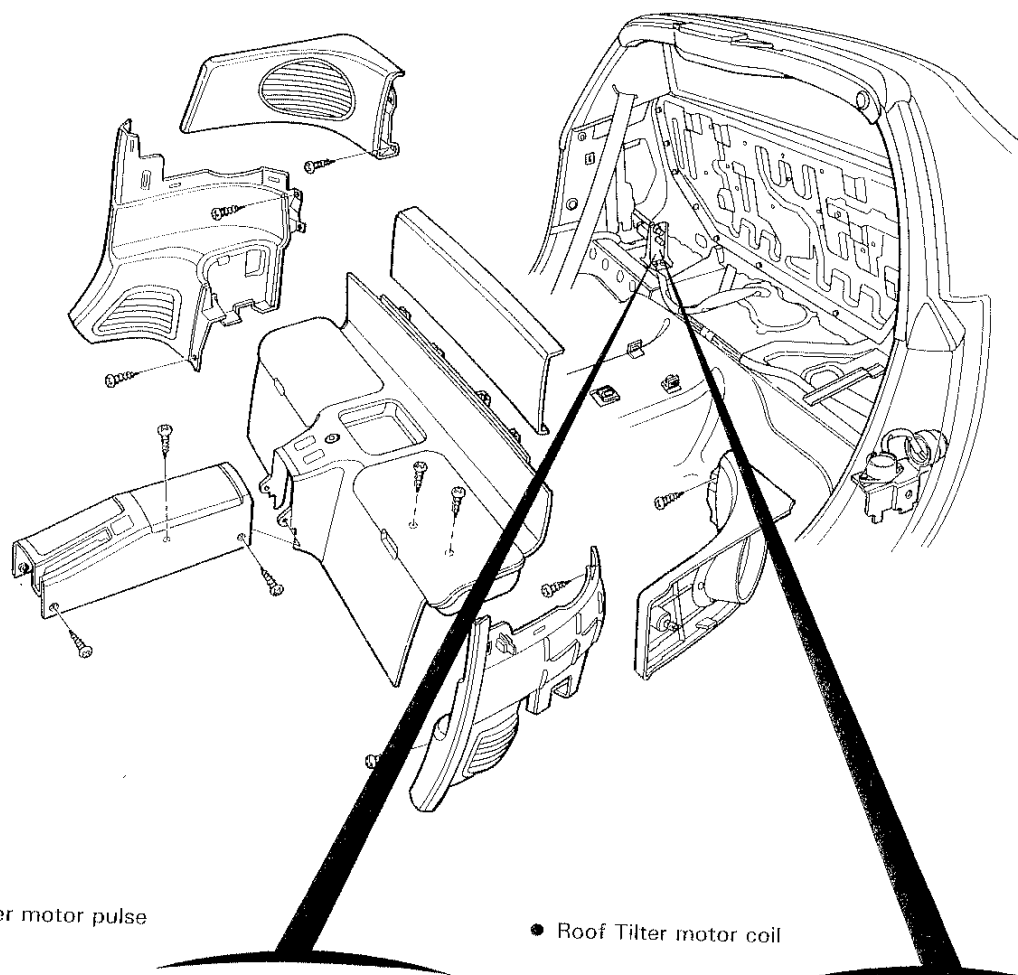


- (1) Attach the roof slider wrench to the slider motor.
- (2) Turn the roof slider wrench by hand and be sure that there is intermittent continuity between the No. 4 and No. 5 terminals.

- (1) Be sure that there is continuity between the No. 1 and No. 2 terminals.

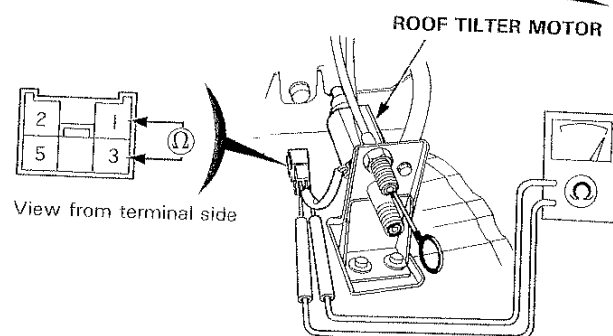
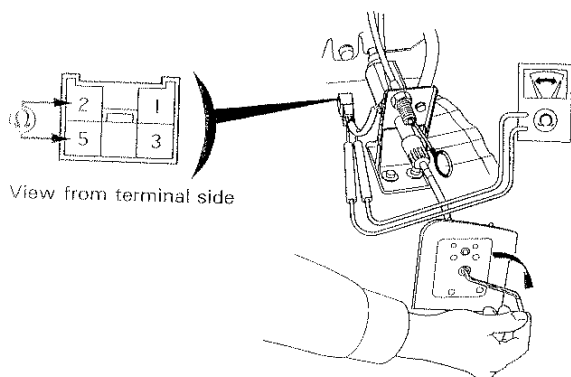


Roof Tilter Motor Test



• Roof Tilter motor pulse

• Roof Tilter motor coil



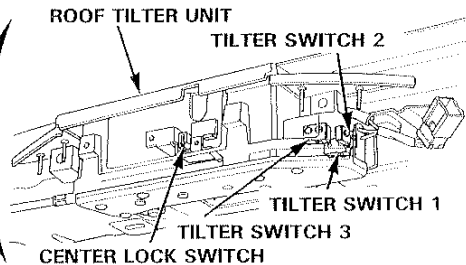
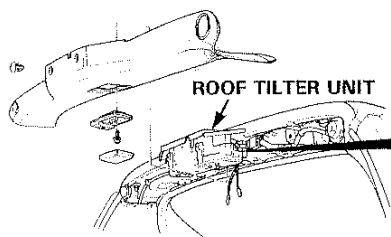
- (1) Attach the roof tilter wrench to the tilter motor.
- (2) Turn the roof tilter wrench by hand and be sure that there is intermittent continuity between the No. 2 and No. 5 terminals.

- (1) Be sure that there is continuity between the No. 1 and No. 3 terminals.

Power Roof

Tilter Switch Test

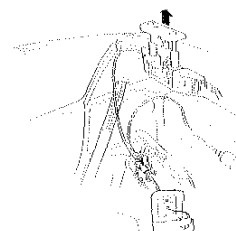
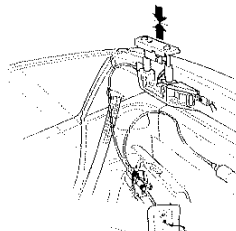
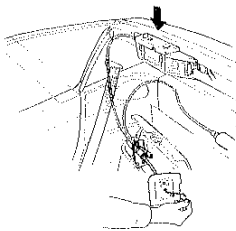
Center Lock Switch Test



• DOWN

• MID (Approx. 80 mm up)

• UP (Approx. 90 mm up)



• Tilter switch 3

View from terminal side

View from terminal side

View from terminal side

(1) When the switch is in the DOWN position, there must be continuity between the No. 1 and No. 3 terminals.

(2) When the switch is in the MID position, there must be no continuity between the No. 1 and No. 3 terminals.

(3) When the switch is in the UP position, there must be continuity between the No. 1 and No. 3 terminals.

• Tilter switch 2

View from terminal side

View from terminal side

(1) When the switch is in the DOWN position, there must be continuity between the No. 1 and No. 5 terminals.

(3) When the switch is in the UP position, there must be no continuity between the No. 1 and No. 5 terminals.

• Tilter switch 1

View from terminal side

View from terminal side

(1) When the switch is in the DOWN position, there must be no continuity between the No. 1 and No. 4 terminals.

(3) When the switch is in the UP position, there must be continuity between the No. 1 and No. 4 terminals.

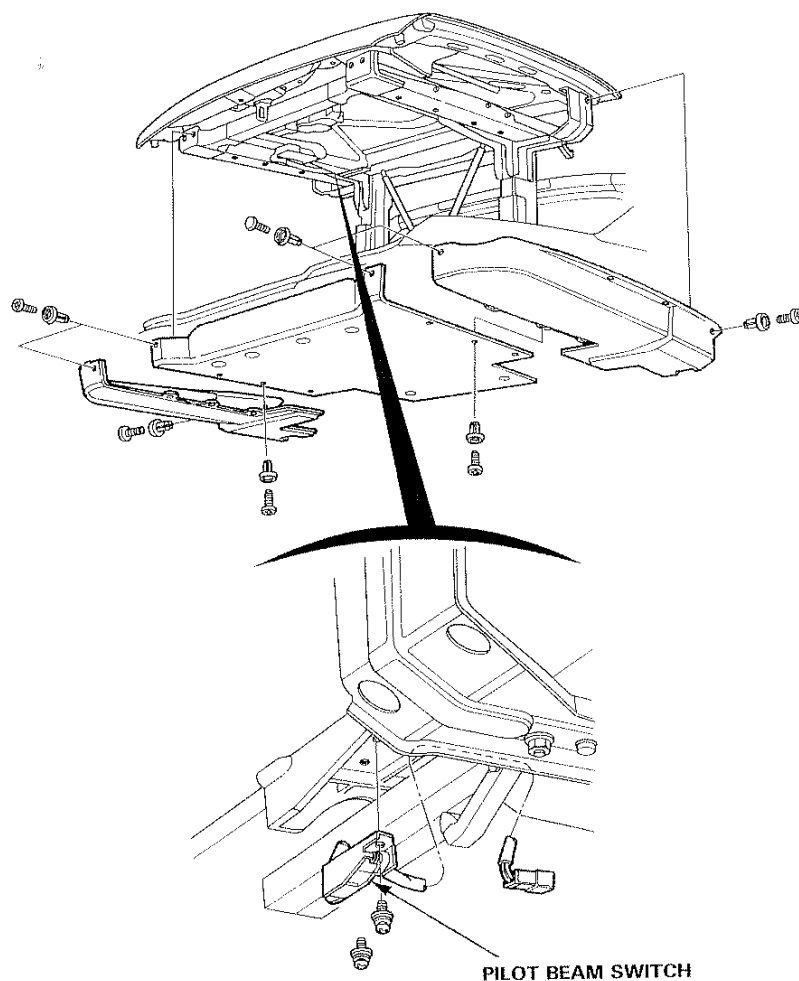
• Center Lock Switch

View from terminal side

(1) When LOCK switch is pushed, there must be continuity between the No. 2 and No. 6 terminals.

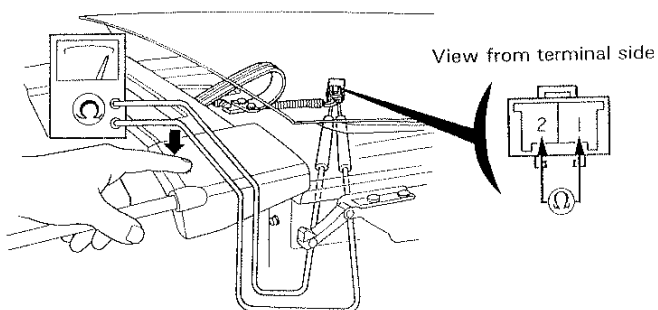
Power Roof

Pilot Beam Switch Test

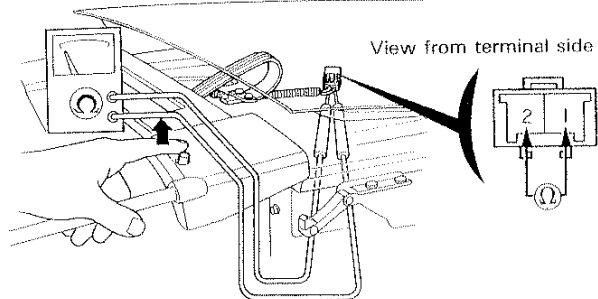


- Push the Pilot Beam Switch

- Release the Pilot Beam Switch



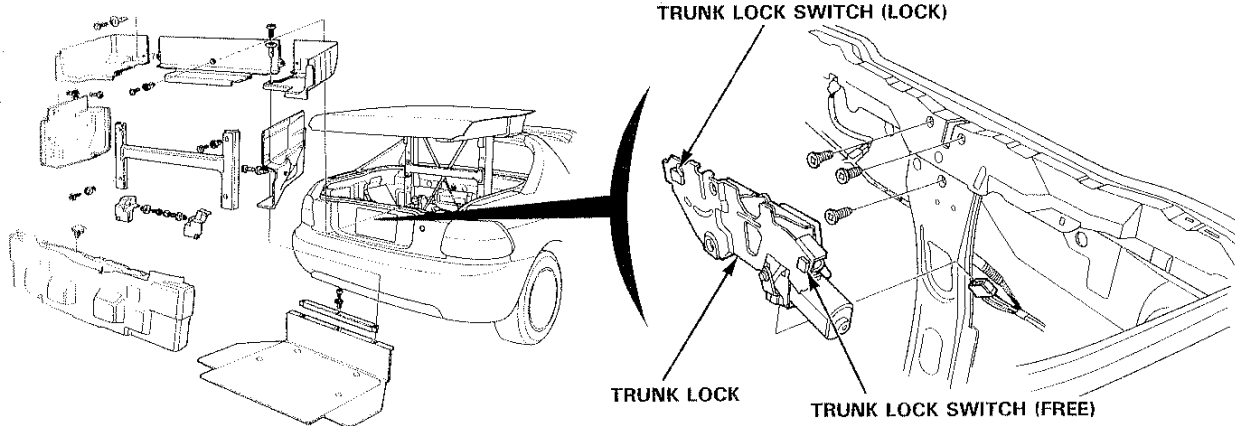
- (1) Be sure that there is continuity between the No. 1 and No. 2 terminals while the shaft lock switch is pushed.



- (1) Be sure that there is no continuity between the No. 1 and No. 2 terminals while the shaft lock switch is released.

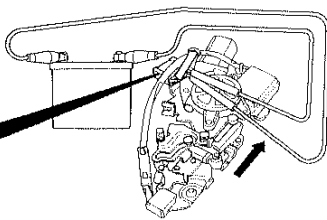
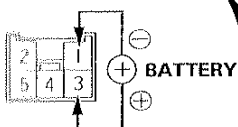


Trunk Lock Switch Test



• Trunk lock unlocking

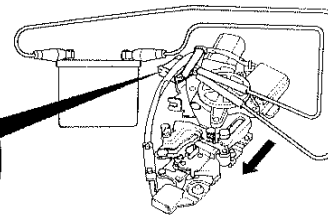
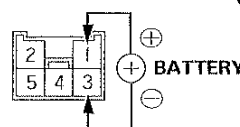
View from terminal side



Connect the No. 1 terminal to the battery negative (-) terminal and the No. 3 terminal to the battery positive (+) terminal, and be sure that the trunk lock unlocks.

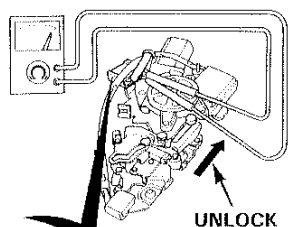
• Trunk lock locking

View from terminal side

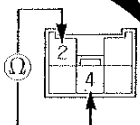


Connect the No. 1 terminal to the battery positive (+) terminal and the No. 3 terminal to the battery negative (-) terminal, and be sure that the trunk lock locks.

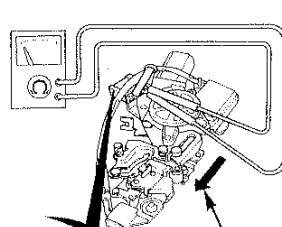
• Trunk lock switch (LOCK)



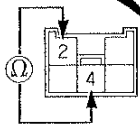
(1) Unlock the trunk lock and be sure that there is continuity between the No. 2 and No. 4 terminals.



View from terminal side

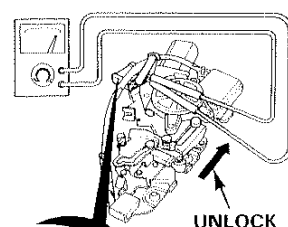


(2) Lock the trunk lock and be sure that there is no continuity between the No. 2 and No. 4 terminals.

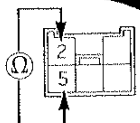


View from terminal side

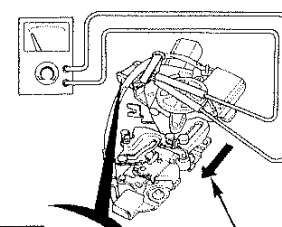
• Trunk lock switch (FREE)



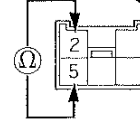
(1) Unlock the trunk lock and be sure that there is continuity between the No. 2 and No. 5 terminals.



View from terminal side



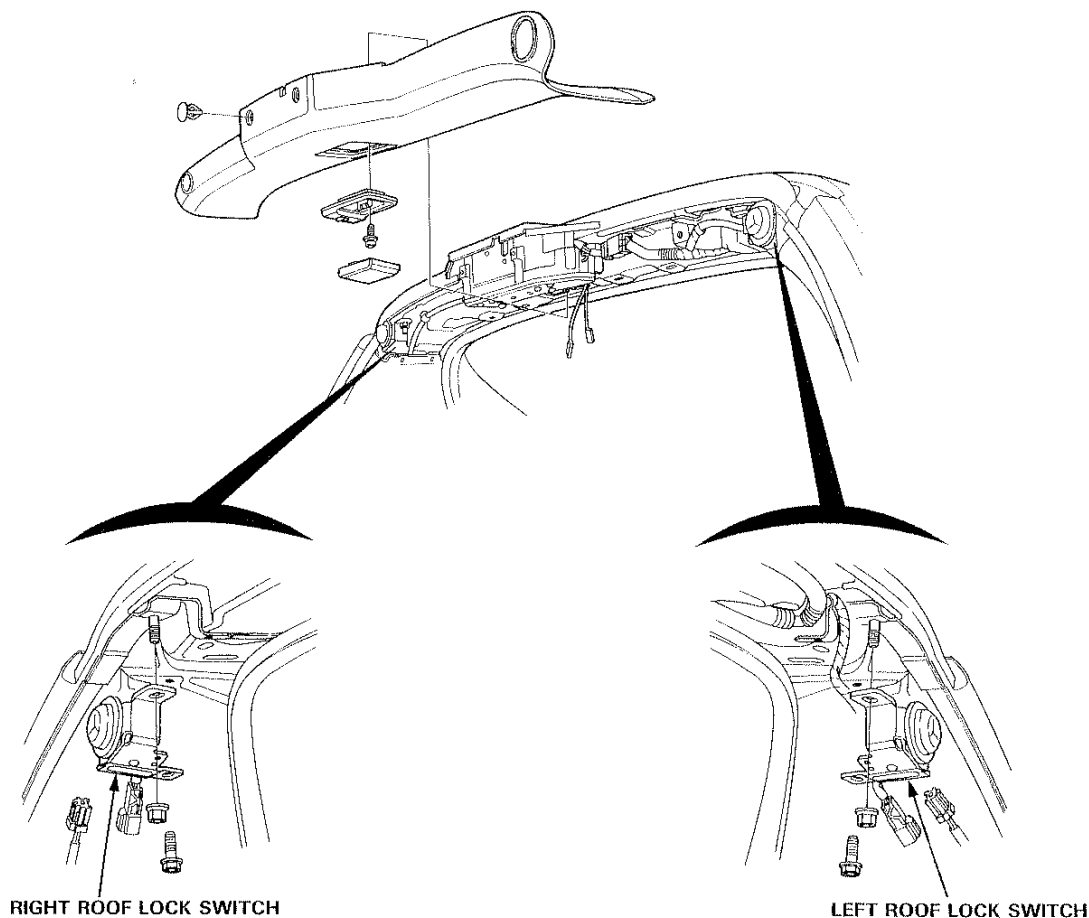
(2) Lock the trunk lock and be sure that there is no continuity between the No. 2 and No. 5 terminals.



View from terminal side

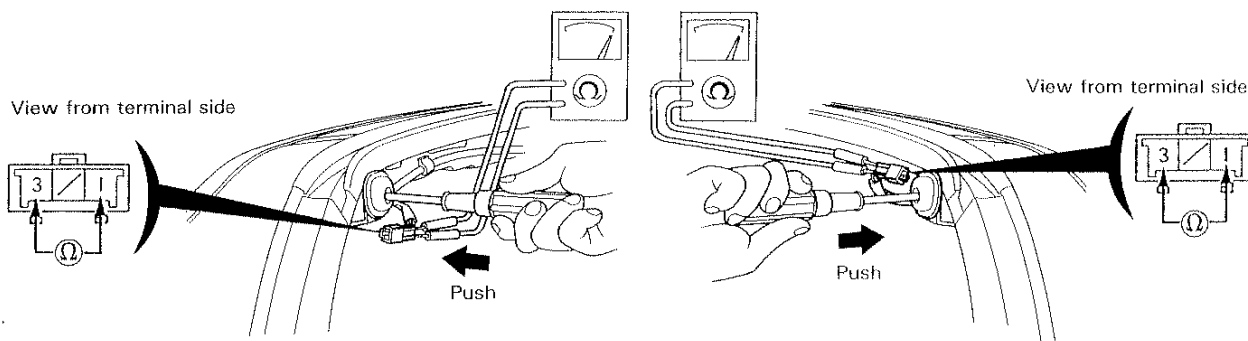
Power Roof

Loof Lock Switch Test



- Right roof lock switch

- Left roof lock switch



- (1) Push the right roof lock switch using a screwdriver or an equivalent tool, and be sure that there is continuity between the No. 1 and No. 2 terminals.

- (1) Push the left roof lock switch using a screwdriver or an equivalent tool, and be sure that there is continuity between the No. 1 and No. 2 terminals.



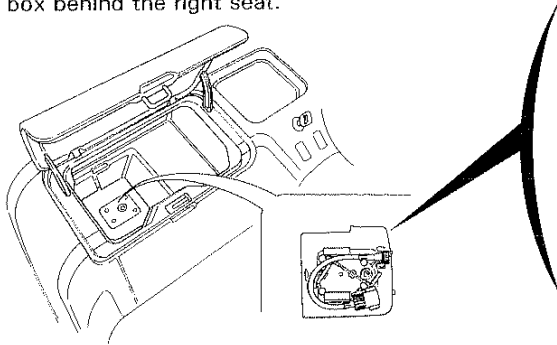
Power Roof

Emergency Operation

- Perform the following steps when the power open roof does not operate properly by pushing the roof switch.

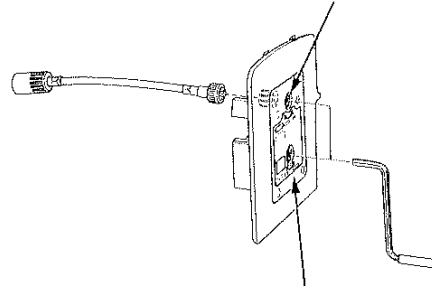
- Tools

There are two different wrenches for manual operation of the power roof. One is for operating the boot lid and roof tilter. It is located in the rear box behind the right seat.



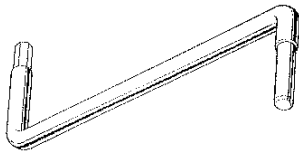
The lower attachment point is for operation of the boot lid only. Use this point, if the gears in the coupling plate slips when you try to raise or lower the boot lid using the upper attachment point.

UPPER ATTACHMENT POINT



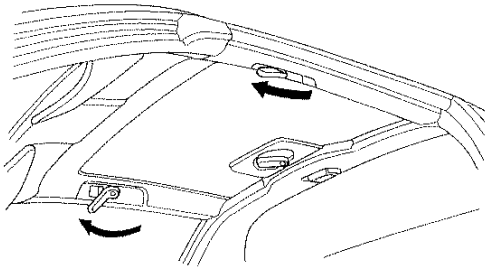
LOWER ATTACHMENT POINT

The other is for the roof slider and located in the tool bag in the trunk.



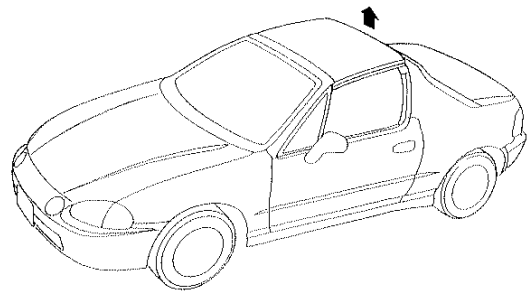
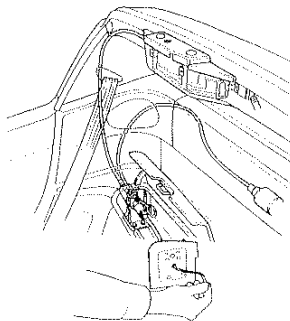
- When opening or closing the power roof using the trunk/roof tilter wrench:

①



- Release the right and left roof side locks.

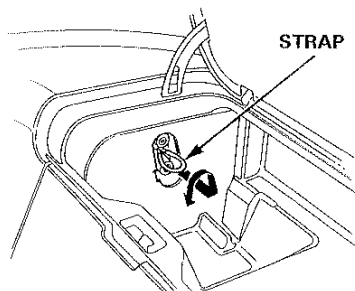
②



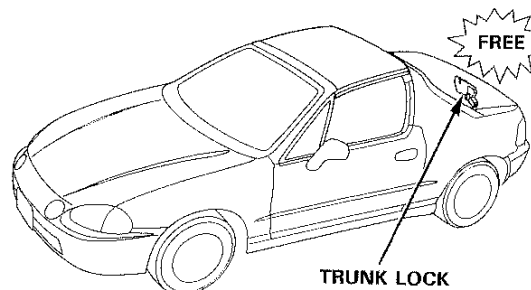
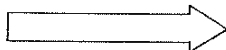
- Remove the side cover from inside the glove compartment located behind the driver's seat.
- Insert the wrench into the lower hex hole.
- Turn the wrench clockwise and tilt the roof.



(3)

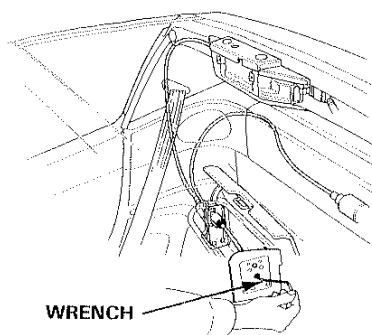


STRAP

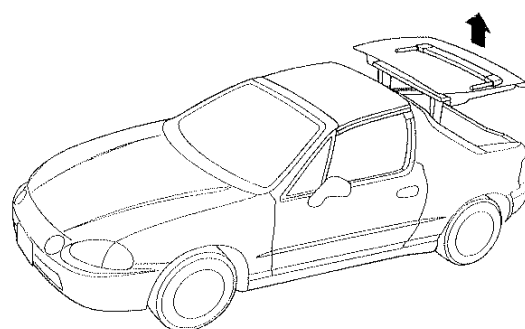
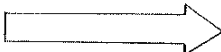


Unlock the trunk lid by pulling the strap and turning it 90° anticlockwise.

(4)

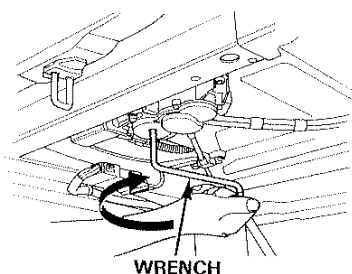


WRENCH

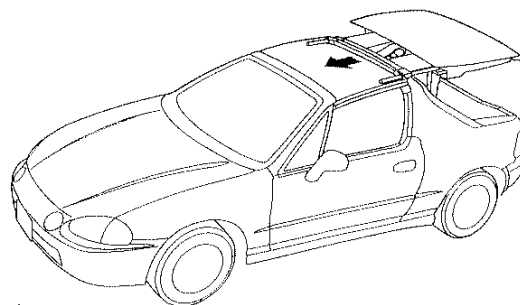


- Insert the wrench into the upper hole and tighten it.
- Turn the wrench clockwise and raise the trunk lid.

(5)

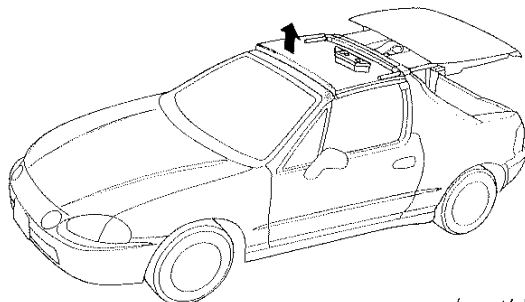
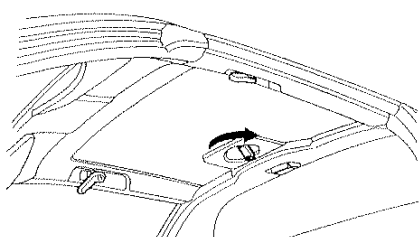


WRENCH



- Insert the wrench into the hex hole in the groove underside of the trunk lid.
- Turn the wrench clockwise to move the roof slider forward.

(6)



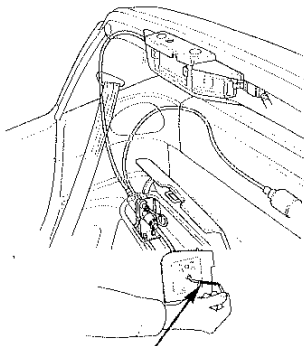
Release the roof switch and slide the roof centre handle to the "OPEN" side.

(cont'd)

Power Roof

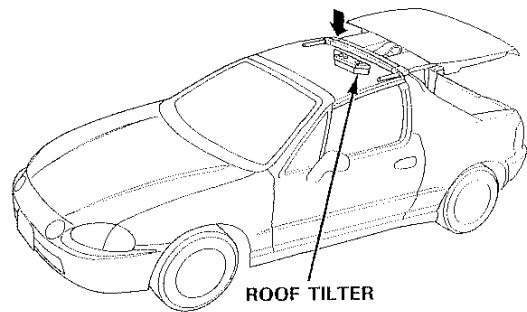
Emergency Operation

⑦

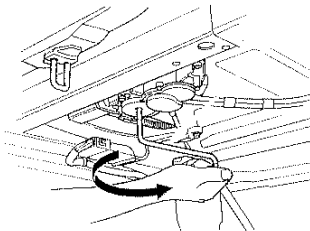


WRENCH

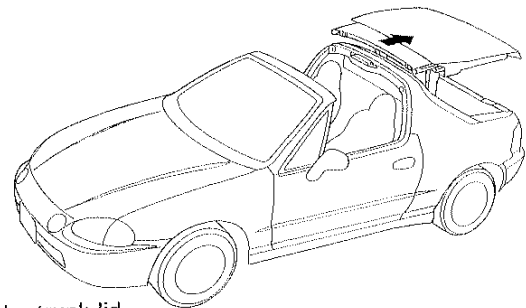
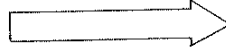
- Insert the wrench into the lower hex hole.
- Turn the wrench counterclockwise and lower the tilter.



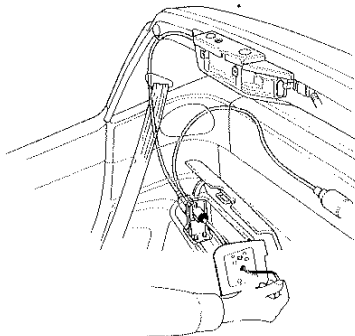
⑧



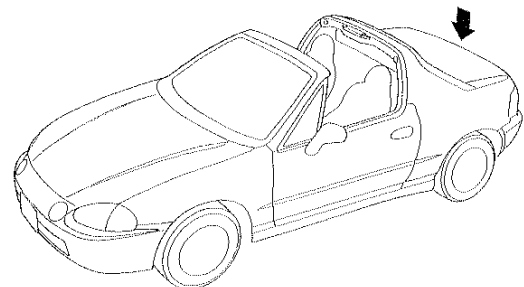
- Insert the wrench into the hex hole in the groove underside of the trunk lid.
- Turn the wrench counterclockwise to move the roof slider rearward.



⑨

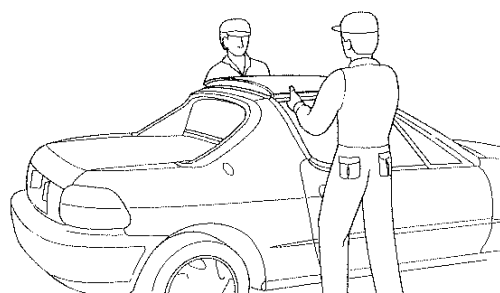
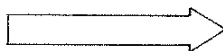
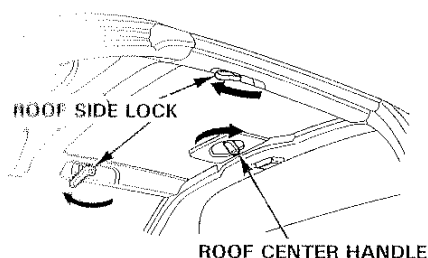


- Insert the wrench into the upper hex hole and tighten it.
- Turn the wrench counterclockwise to lower the trunk lid.

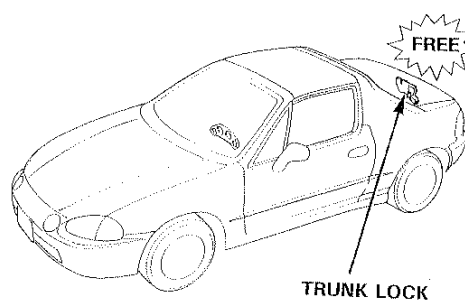
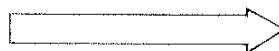
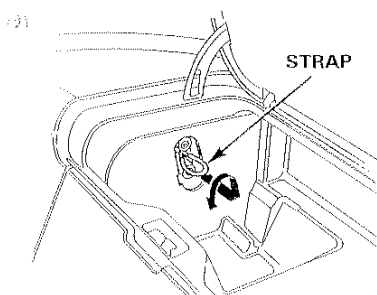
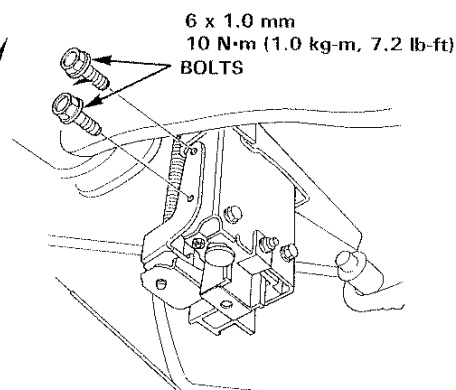
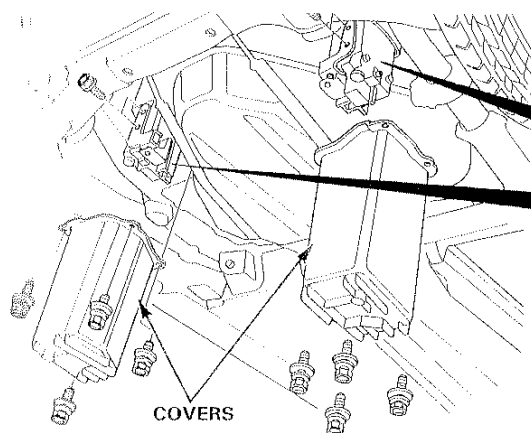




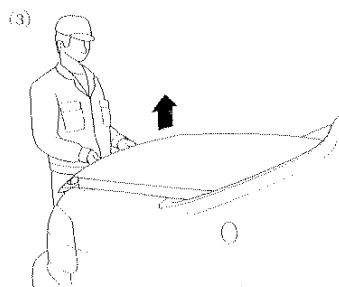
• Roof removal



- Unlock the right and left roof side locks.
- Move the roof center handle to the OPEN side.
- Lift the roof and remove it.
- When the trunk lid does not open by using the roof tilter wrench:



Pull the strap and turn it 90° to release the trunk lock.



Lift the trunk lid by hands.

Power Roof

Power Roof Function Check

● How to Open the Roof

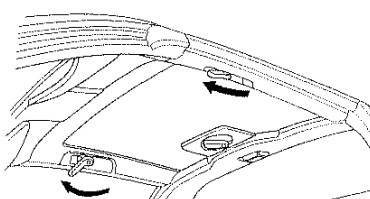
—1. Service condition

- The parking brake is applied.
- The vehicle is stopped (vehicle speed is 0 km/h).
- The rear window is fully closed.
- The engine is running.

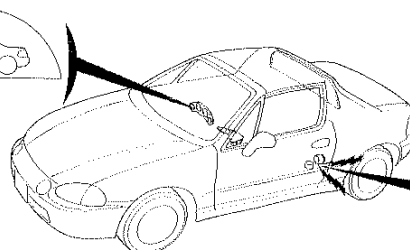
When the boot is opened by the key, the power roof cannot be operated.

Make sure the trunk is closed fully and the trunk warning light is off before operation

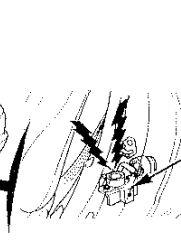
—2.



- Release the roof-side lock on both sides. To release the lock, press the knob in the direction of the arrow while pulling down the lever.



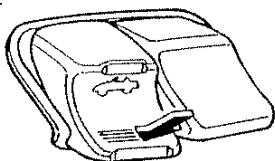
- Roof warning light turns ON.
- The system gives off beeping of 2 cycles/sec.



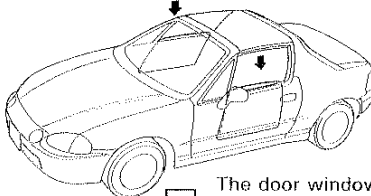
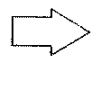
Operation Alarm

Push the reverse switch and hold it

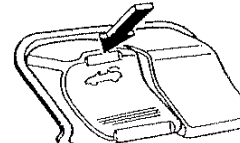
—3.



- Push the roof switch on the "OPEN/CLOSE" side and hold it until beeps are heard.

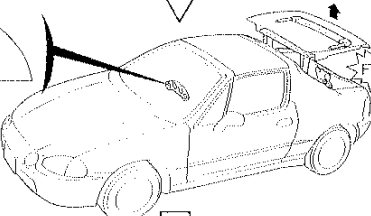


The door windows open



- Does not function

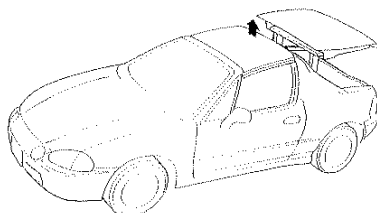
Push the reverse switch and hold it



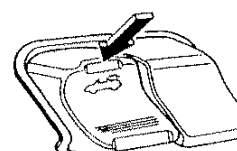
- Trunk lock n-lock.
- The boot lid goes up.
- Trunk warning light turns ON.



- ① Trunk lid goes down
- ② Trunk lock locks



Push the reserve switch and hold it



- The roof tilter goes up about 90 mm (3.5 in) to raise the edge of the roof.

- ① Roof tilter
- ② Trunk lid goes down
- ③ Trunk lock locks

(To page 20-249)

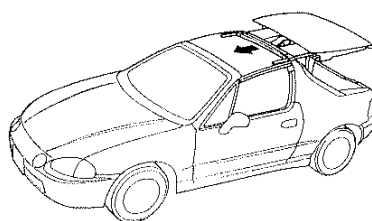
(To page 20-249)



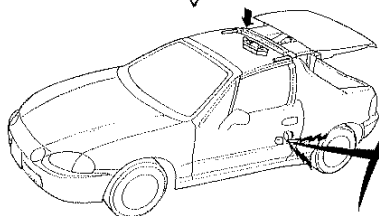
(From page 20-248)



(From page 20-248)



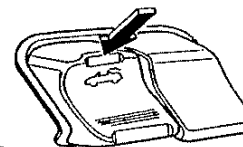
- The roof slider moves forward.



- The roof slider moves rearward.
- The roof tilter goes down about 10 mm (0.4 in).
- The system gives off beeping of 2 cycles/sec. when the series of motions are completed.

Operation Alarm

Push the reverse switch and hold it



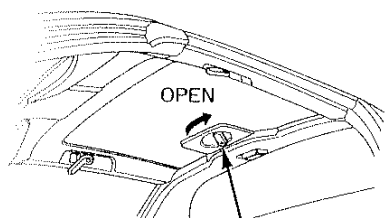
- 1 Roof slider moves rearward.
- 2 Roof tilter goes down.
- 3 Trunk lid goes down.
- 4 Trunk lock locks.

Push the reverse switch and hold it



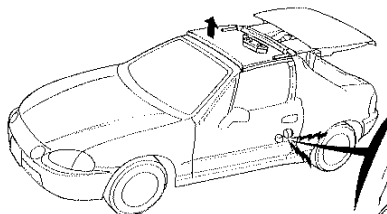
- 1 Roof tilter goes up.
- 2 Roof slider moves rearward.
- 3 Roof tilter goes down.
- 4 Trunk lid goes down.
- 5 Trunk lock locks.

4.



ROOF CENTER HANDLE

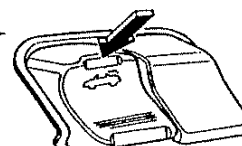
- Release the roof switch and slide the roof centre handle to the "OPEN" side.



- Roof lifts
- The system gives off beeping of 6 cycles/sec.

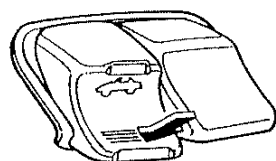
Operation Alarm

Push the reverse switch and hold it.



- Does not function.

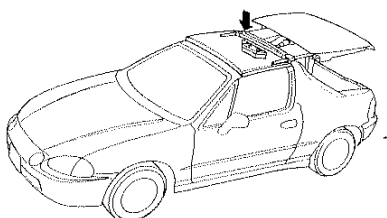
5.



- Push the roof switch on the "OPEN/CLOSE" side and hold it until beeps are heard.



(To page 20-250)

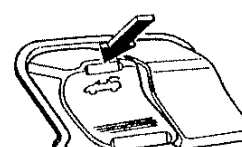


- The roof tilter goes down to the bottom.



(To page 20-250)

Push the reverse switch and hold it



- 1 Roof tilter goes up.

(cont'd)

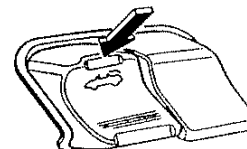
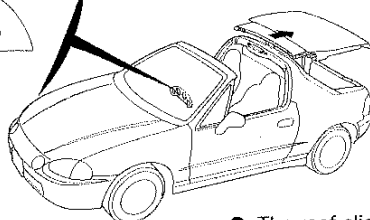
Power Roof

Power Roof Function Check

(From page 20-249)

(From page 20-249)

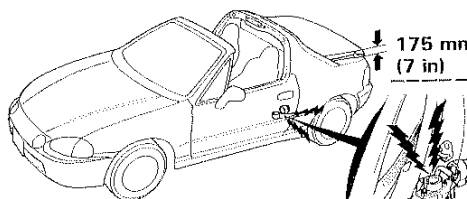
Push the reverse switch and hold it.



- ① Roof slider moves forward.
- ② Roof tilter goes up.

- The roof slider moves backward.
- Roof warning light turns OFF.

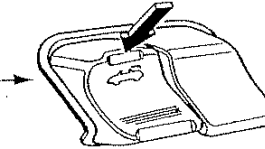
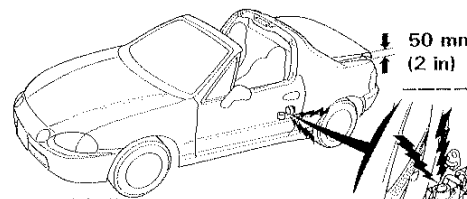
Push the reverse switch and hold it.



- ① Trunk lid goes up.
- ② Roof slider moves forward.
- ③ Roof tilter goes up.

- The trunk lid goes down and stops at 175 mm from the fully closed position.
- The system gives off beeping of 2 cycles/sec. when the trunk lid stops at 175 mm height.

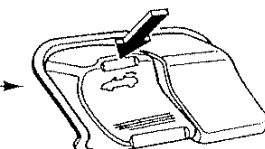
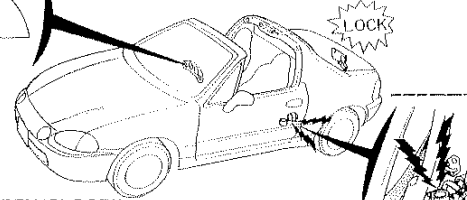
Push the reverse switch and hold it.



- ① Trunk lid goes up.
- ② Roof slider moves forward.
- ③ Roof tilter goes up.

- The trunk lid goes down further and stops once again at about 50 mm (2.0 in) from the fully closed position.
- The system gives off continuous beeping while the trunk lid is moving.
- The cycle changes to 2 cycles/sec. when the trunk lid stops.

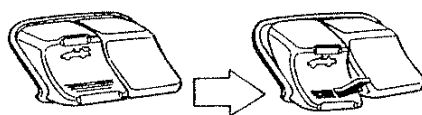
Push the reverse switch and hold it.



- ① Trunk lid goes up.
- ② Roof slider moves forward.
- ③ Roof tilter goes up.

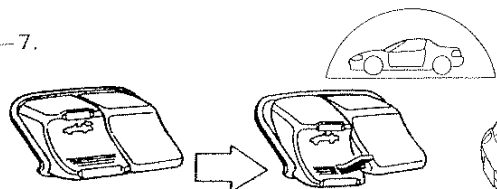
- The trunk lid goes down to the bottom.
- Trunk lock locks.
- Continuous beeping is heard while the trunk lid is lowering.
- It stops when the trunk lid closes completely.
- Trunk warning light turns OFF.

-6.



- Release the roof switch. Push it again on the "OPEN/CLOSE" side and hold it until beeping changes its cycle.

-7.



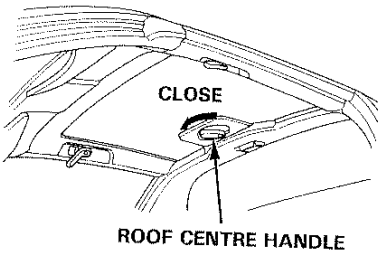
- Release the roof switch. Push it again on the "OPEN/CLOSE" side and hold it.

Power Roof

Power Roof Function Check

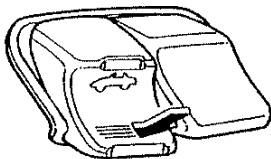
(From page 20-251)

—3.



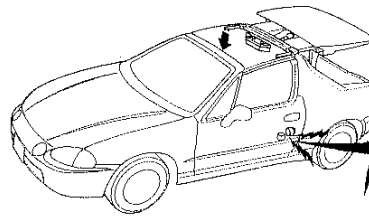
- Release the roof switch and slide the roof centre handle to the "CLOSE" side.

—4.



- Push the roof switch on the "OPEN/CLOSE" side and hold it until beeps are heard.

(To page 20-253)



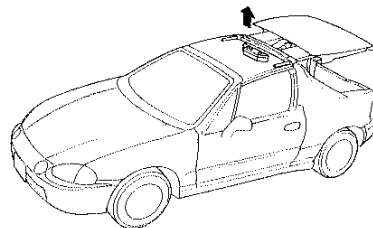
Push the reverse switch and hold it.



- Does not function

Operation Alarm

- The roof lowers
- The system gives off 6 cycles/sec. beeping.

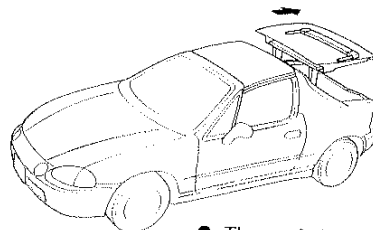


Push the reverse switch and hold it.



- ① The roof tilter goes down.

- The roof tilter goes up about 10 mm (0.4 in)

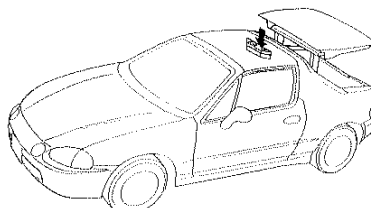


Push the reverse switch and hold it.



- ① The roof slider moves forward.

- The roof slider moves backward.



Push the reverse switch and hold it.



- ① The roof tilter goes down.
- ② The roof slider moves forward.

- The roof tilter goes down to the bottom.

(To page 20-253)



How to Close the Roof

1. Service condition

- The parking brake is applied.
- The vehicle is stopped (vehicle speed is 0 km/h).
- The engine is running.

When the trunk is opened by the key, the power roof cannot be operated.
Make sure the trunk is closed fully and the trunk warning light is off before operation

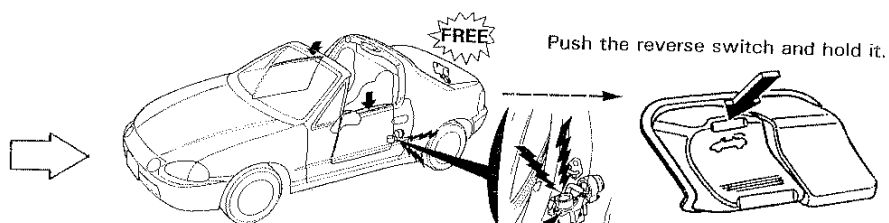
2.



- Push the roof switch on the "OPEN/CLOSE" side and hold it until beeps are heard.



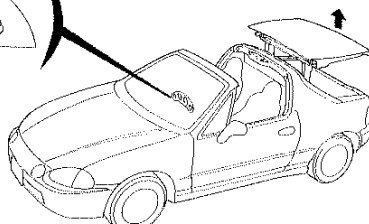
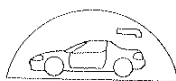
(To page 20-252)



Push the reverse switch and hold it.

Operation Alarm ① The boot lock locks.

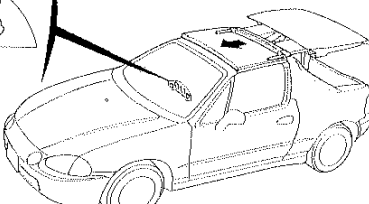
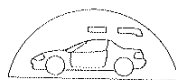
- The door windows open.
- The trunk lock un-lock.
- The alarm sounds. (Short whistle sound)



Push the reverse switch and hold it.

- ① The trunk lid goes down.
- ② The trunk lock locks.
- ③ The alarm sounds. (Short whistle sound)

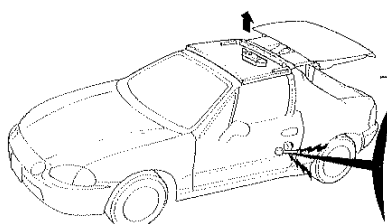
- The trunk lid goes up.
- The trunk warning light turns ON.



Push the reverse switch and hold it.

- ① Roof slider moves rearward.
- ② The lid goes down.
- ③ The trunk lock locks.
- ④ The alarm sounds. (Short whistle sound)

- The roof slider moves forward.
- The roof warning light turns ON.



Push the reverse switch and hold it.

- ① The roof tilter goes down.
- ② The roof slider moves rearward.
- ③ The trunk lid goes down
- ④ The trunk lock locks
- ⑤ The alarm sounds (Short whistle sound)

Operation Alarm

- The roof tilter goes up about 80 mm (3.1 in).
- The system gives off 2 cycles/sec. beeping when the series of motions have been completed.

(cont'd)



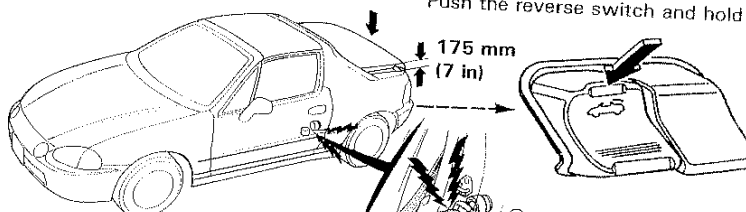
(From page 20-252)



(From page 20-252)



Push the reverse switch and hold it.

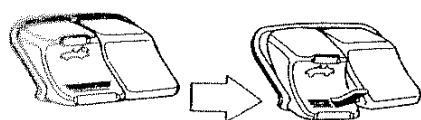


- The trunk lid lowers and stops at about 175 mm (6.9 in) from the fully closed position.
- The system gives off 2 cycles/sec. beeping.

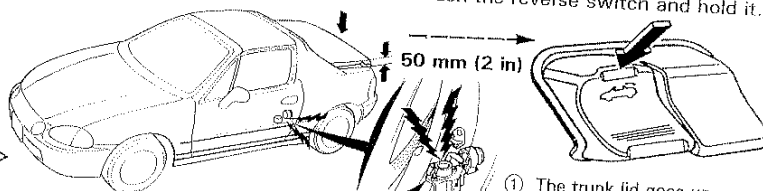
- ① The trunk lid goes up.
- ② The roof tilter goes up.
- ③ The roof slider moves forward.

Operation Alarm

Push the reverse switch and hold it.



- Release the roof switch. Push it again on the "OPEN/CLOSE" side and hold it.



- The trunk lid goes down further and stops once again at about 50 mm (2.0 in) from the fully closed position.
- Continuous beeping is heard while the boot lid is lowering. The cycle changes to 2 cycles/sec. when the trunk lid closes completely and locks.

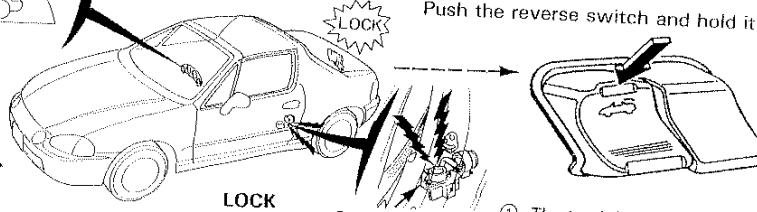
- ① The trunk lid goes up.
- ② The roof tilter goes up.
- ③ The roof slider moves forward.

Operation Alarm

Push the reverse switch and hold it.



- Release the roof switch. Push it again on the "OPEN/CLOSE" side and hold it.



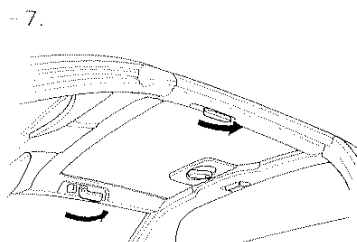
- The trunk lid goes down to the bottom and locks when it closes completely.
- The trunk lock locks.
- The system gives off continuous beeping while the trunk lid is moving. The cycle changes to 2 cycles/sec. when the trunk lid stops.

- ① The trunk lid goes up.
- ② The roof tilter goes up.
- ③ The roof slider moves forward.

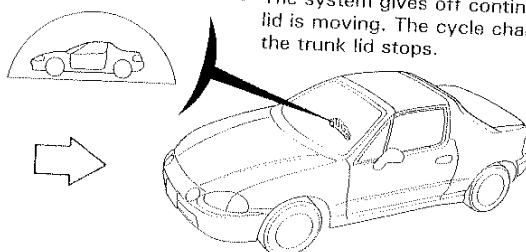
Operation Alarm

LOCK

LOCK



- Lock the roof-side lock on both sides. Make sure to pull up the lever until the red mark next to the knob disappears.

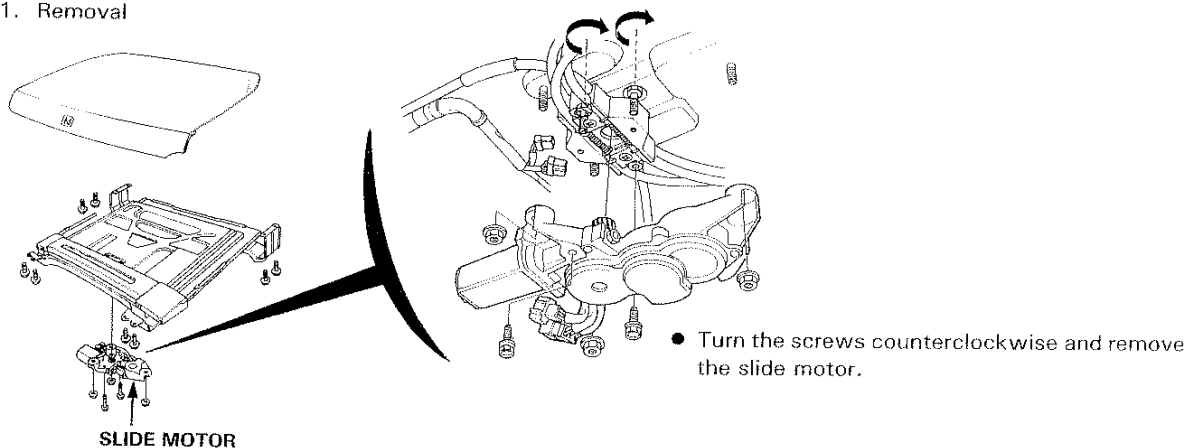


- The roof warning light turns OFF.
- The 2 cycles/sec. beeping stops when the roof has been securely closed and locked.

Power Roof

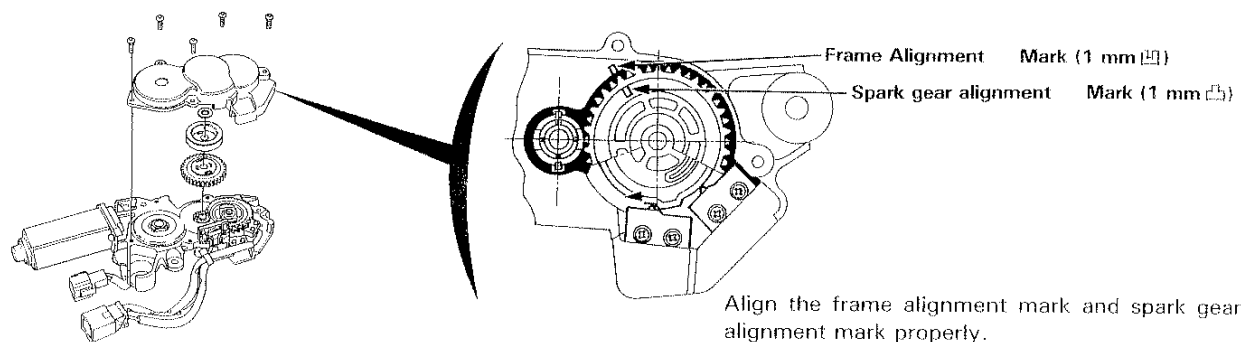
Slide Motor Replacement

—1. Removal

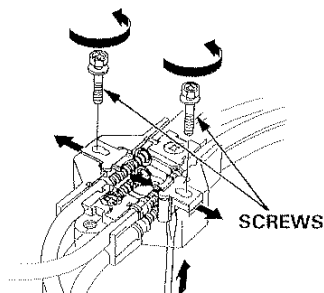


—2. Installation

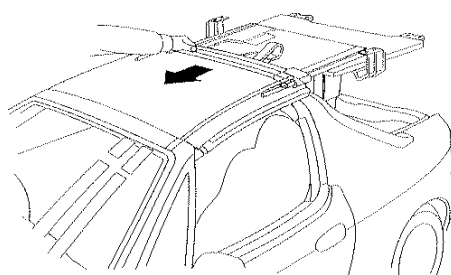
NOTE: Before installation, check the alignment marks on the slide motor for proper alignment.



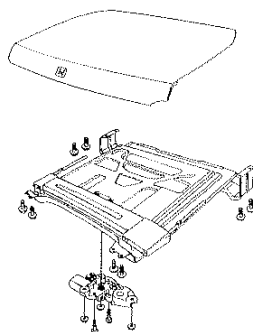
(1) Turn the outer cable screws counterclockwise to increase the clearance between the cables.



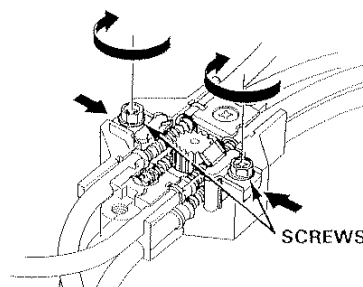
(3) Slide the roof motor fully forward by hand.



(2) Install the slide motor.

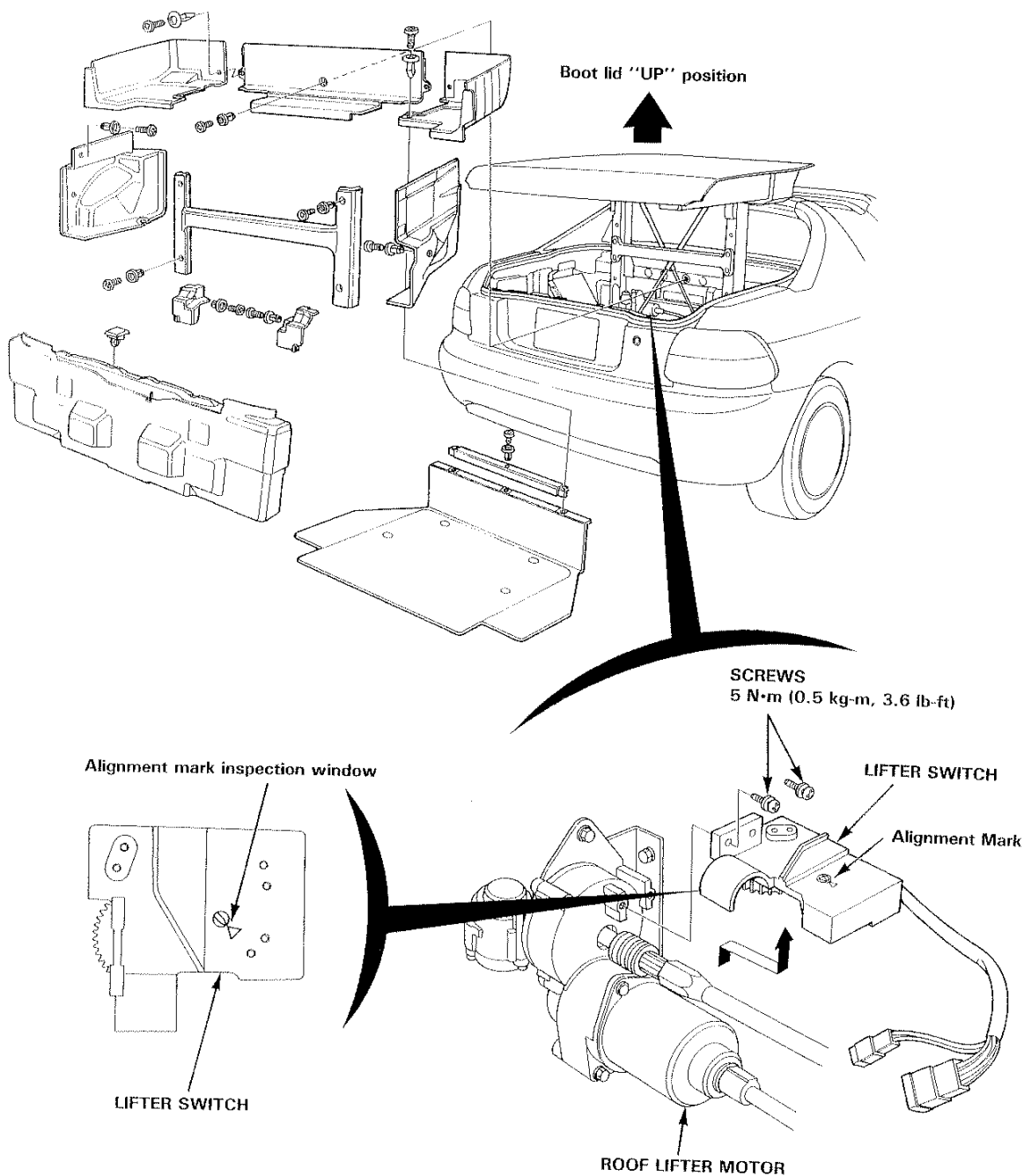


(4) Turn the outer cable screws clockwise to adjust the clearance between the cables to the normal clearance.





Lifter Switch Replacement



NOTE: Be sure that alignment marks are aligned properly, or the lifter switch is damaged.

- (1) Lift the boot lid to the "UP" position.
- (2) Check the alignment marks of the lifter switch for proper alignment and install the lifter switch.

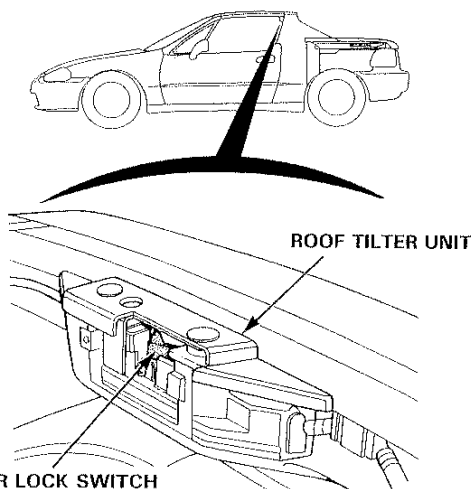
Power Roof

Roof Tilter Unit Replacement

Tilter Switch Replacement

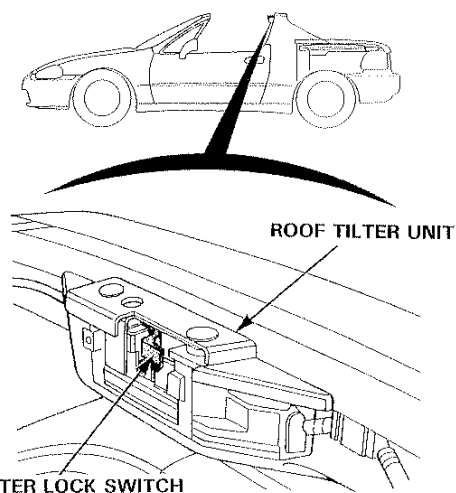
● Roof Tilter Unit

CLOSE



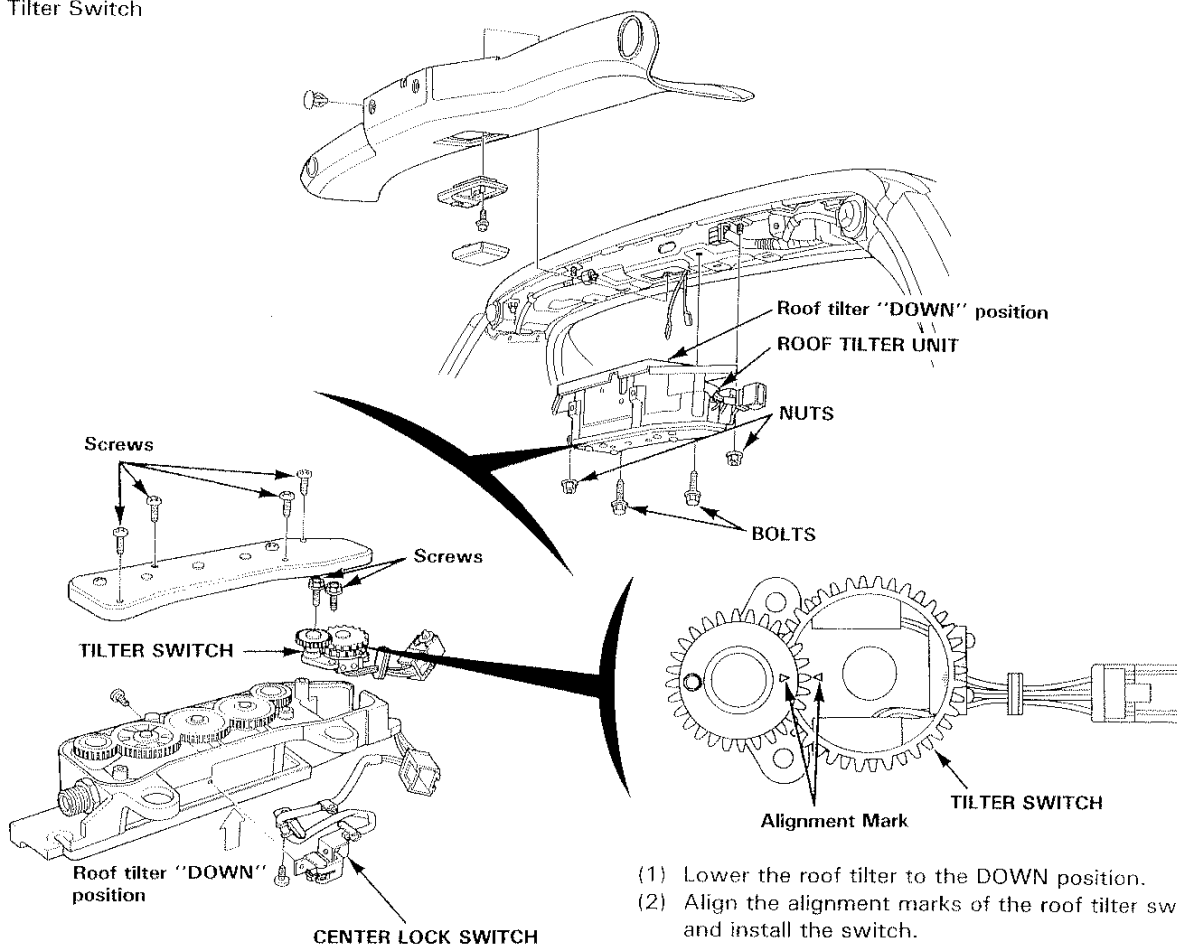
- (1) When the power roof is closed, be sure that the center lock switch is set at the rear side before replacing the roof tilter unit.

OPEN



- (1) When the power roof is open, be sure that the center lock switch is set at the front side before replacing the roof tilter unit.

● Tilter Switch



- (1) Lower the roof tilter to the DOWN position.
(2) Align the alignment marks of the roof tilter switch and install the switch.

HONDA CIVIC DEL SOL 1993-96

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SPECIAL CAUTIONS

SRS

SUPPLEMENTAL RESTRAINT SYSTEM

Refer to Procedure Explanation 29 for Supplemental Restraint/Air Bag Cautions.

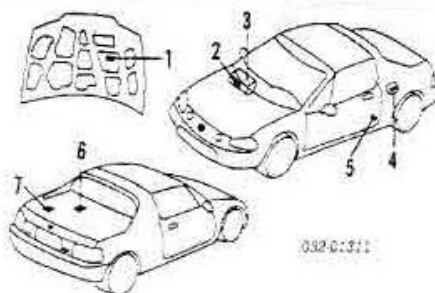
PAINT CODE LOCATION

Paint code located on left lock pillar.

CLEAR COAT IDENTIFICATION

All metallic colors are clear coat. Code R-81 Milano Red is three stage. All door jambs and pillars are clear coat.

INFORMATION LABELS



Information

S Model

Si Model

1 SRS Caution

The del Sol Guide

93 77871-SM5-A60

94-96 77871-SM4-A70

8 42

8 42

2 60

3 18

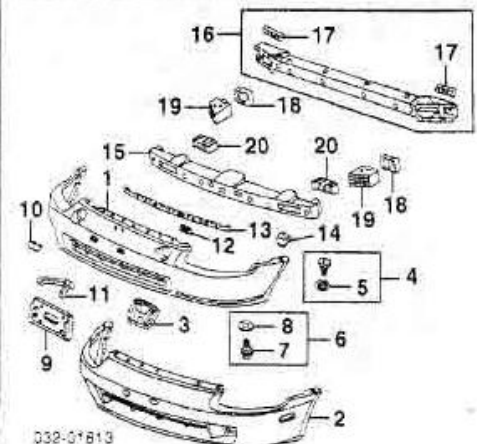
2 Glove Box	77870-SM5-A8041	1.08
3 Specification		
S Model	42762-SR2-A01	2.74
Si Model	42762-SR2-A11	2.62
VTEC Model	42762-SR2-A22	2.68
¶Order by Application		
ABS Caution	57079-SR3-A00	3.50
4 Fuel Filler Caution		
USA		
S, Si Model	17669-SA0-670	1.42
VTEC Model	17669-SL0-A00	2.10
Canada	17671-SM4-A00	.52
5 Air Bag Info	77876-SG0-A80	1.52
6 Roof Holder Caution	74742-SR2-A50	3.03
7 Roof Holder Info	74748-SR2-A50	2.90

FRONT BUMPER

Use Procedure Explanations 1 and 28 with the following text.

Refinish Front Cover.....	1.9
Refinish Reinf Bar.....	1.0
R&I Cover Assy.....	1.0
O/H Bumper Assy (Includes R&I).....	#2.0
#Includes R&R Driving & Side Marker Lamps	

NOTE: All Parts in this section are included in overhaul unless noted otherwise.



Cover, Front (P)

1 1993-95	04711-SR2-A00ZZ	#2.0	294.98
2 1996	71101-SR2-A10ZZ	#2.0	294.98

(P) Paint to Match

#Includes R&R Driving & Side Marker Lamps

3 Emblem	75700-SR2-000	.2	11.85
4 Bolt Assy, Cover Upper	90130-SB0-010		2.72
5 Washer, Upper Bolt	90540-SA7-000		1.00
¶Included w/Cover Upper Bolt Assy			
6 Bolt Assy, Cover Lower	90101-SE0-010		3.72
7 Bolt, Cover Lower	90109-SE0-003		2.89
8 Washer, Lower Bolt	90540-SA7-000		1.00
¶Included w/Cover Lower Bolt Assy			
9 Frame, License Plate	71145-SD4-670	.2	17.52
10 Cap, License Plate	90672-SB2-670ZV		4.04
¶Blue listed, Order by Application			
11 Brkt, License Plate	71108-SH2-A02		4.14
12 Nut, License Plate (2)	71113-SH2-000		5.96
13 Retainer, Cover Upper	71142-SR2-000	IOH	36.68
14 Grommet, Bumper Side	71144-SR3-A00		1.26
15 Absorber, Impact	71170-SR2-A00	IOH	61.68
16 Bar Assy, Reinf	93 71130-SR2-A01ZZ	#3	124.20
	94-96 71130-SR2-A02ZZ	#3	125.00
#w/Bumper Cover & Impact Absorber Removed, Not Included in O/H			
17 Hook, Bumper Side	R 71138-SR2-A00ZZ		14.08
	L 71139-SR2-A00ZZ		14.08
¶Included w/Reinforcement Bar Assy			
18 Gusset, Reinf Bar Outer	71172-SR2-A00	IOH	12.24
19 Gusset, Reinf Bar Center	71172-SR3-A00	IOH	11.42
20 Gusset, Reinf Bar Inner	71173-SR2-A00	IOH	15.24

FRONT LAMPS

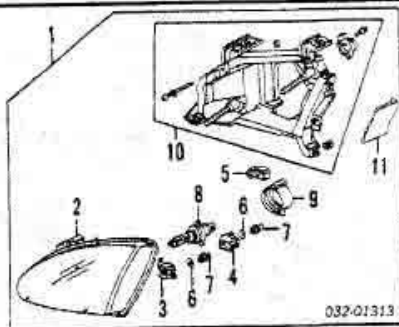
HEADLAMP

R&R Does Not Include Aim Lamps.....	.4
R&I Lamp Assy.....	#1.3
#Includes R&R Signal Lamp Assy & R&I Bumper Assy, R&I Both Lamps 1.6	

Illustration Located in Next Column

1 Lamp Assy	93 R 33100-SR2-A01	#1.3	241.83
	L 33150-SR2-A01	#1.3	241.83
	94-96 R 33100-SR2-A02	#1.3	241.83
	L 33150-SR2-A02	#1.3	241.83
#Includes R&R Signal Lamp Assy & R&I Bumper Assy, R&R Both Lamps 1.6			

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032-01313

2 Lens & Body	93 R	33101-SR2-A01	#1.4	208.51
	L	33151-SR2-A01	#1.4	211.53
	94-96 R	33101-SR2-A02	#1.4	208.51
	L	33101-SR2-A02	#1.4	208.51

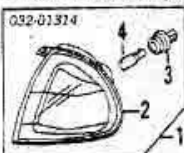
#Includes R&R Signal Lamp Assy & R&I Bumper Assy, R&R Both Lamps 1.8

Holder, Lamp				
3 Number 1	R	33105-SR2-A01	4.62	
	L	33155-SR2-A01	4.62	
4 Number 2	R	33110-SR2-A01	4.62	
5 Number 3	R	33106-SR2-A01	4.62	
	L	33156-SR2-A01	4.62	
6 Gasket, Holder (2/Side)		33116-SR3-A01	4.56	
7 Grommet (2/Side)		33115-SR3-A01	4.52	
8 Bulb		33111-SR3-A01	#2	15.30
#R&R Both Sides .3				
9 Cover, Rubber	93	33103-SR3-A01	5.10	
	94-96	33105-SH3-003	8.22	
10 Housing Assy	R	33104-SR2-A01	45.00	
	L	33154-SR2-A01	45.65	
11 Plate, Housing	R	33103-SR2-A01	8.08	
	L	33153-SR2-A01	7.72	

#Included w/Lamp Assy

SIGNAL LAMP

R&I Lamp Assy	#2	
#Included in R&I/R&R Headlamp Assy & Fender		



032-01324

1 Lamp Assy	R	33300-SR2-A02	#2	76.38
	L	33350-SR2-A02	#2	76.38
2 Lens & Body	R	33301-SR2-A02	#2	70.51
	L	33351-SR2-A01	#2	70.51

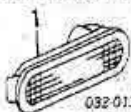
#Included in R&I/R&R Headlamp Assy & Fender

3 Socket		33302-SR3-A01	7.75	
4 Bulb		34906-SLO-A01	.2	2.74

#Included w/Lamp Assy

SIDE MARKER LAMP

R&I Lamp Assy	#2	
#Included in R&R or O/H Front Bumper		

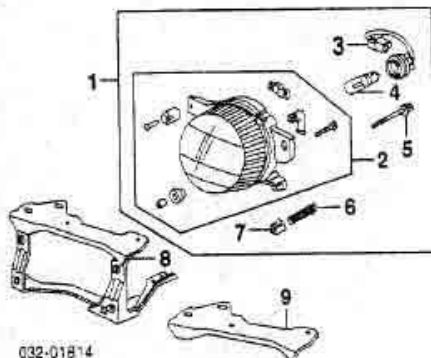


032-01325

1 Lamp Assy		33805-SR2-A01	#2	20.40
-------------	--	---------------	----	-------

#Included in R&R or O/H Front Bumper

DRIVING LAMP



032-01814

1 Lamp Assy	R	33900-SR2-A01	#2	76.38
	L	33950-SR2-A01	#2	76.38
2 Lens & Body	R	33901-SR2-A01	#2	63.47
	L	33951-SR2-A01	#2	63.47

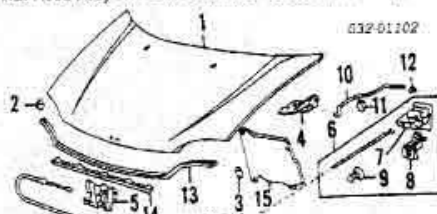
#w/Bumper Cover Removed, Included in R&R or O/H Front Bumper

3 Socket		33902-SR2-A01	10.17	
4 Bulb		34903-SF1-A01	5.47	
5 Screw, Adjusting		33906-SR2-A01	3.14	
6 Spring, Adjusting		33904-SR2-A01	3.14	
7 Grommet		33905-SR2-A01	2.00	
#Included w/Lamp Assy				
Bracket, Lamp				
B 1993-95	R	74350-SR2-000	30.24	
	L	74360-SR2-000	30.24	
9 1996	R	74351-SR2-J00	10.96	
	L	74361-SR2-J00	10.96	

HOOD

Use Procedure Explanations 4 and 28 with the following text.

Refinish Hood Outside	2.8	
Add for Underside	1.4	
Refinish Hinge	.3	
R&I Hood Assy	.5	



032-01102

1 Panel, Hood		60100-SR2-000ZZ	1.0	347.61
2 Cushion, Hood Front		83431-SA4-000	1.44	
3 Cushion, Hood Side		74177-SD4-000	4.54	
4 Hinge	R	60120-SR2-000ZZ	#2	23.72
	L	60170-SR2-000ZZ	#2	23.72

#w/Hood Removed

5 Latch		74120-SR2-000	.3	26.34
6 Cable Assy, Latch Release		74130-SR2-A00	.8	34.74
7 Lever, Release Cable		74132-SR0-A01	.3	7.32
8 Cover, Release Cable		74131-SH3-A01	4.22	
9 Grommet, Release Cable		74134-SH0-A01	1.80	

#Included w/Latch Release Cable Assy

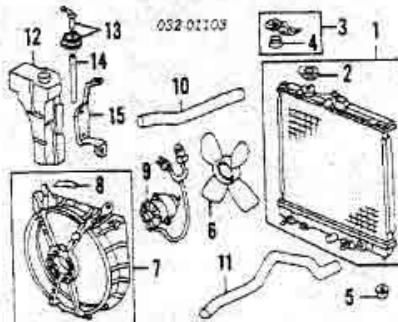
10 Support, Hood	93	74145-SR3-000	.2	12.90
	94-96	74145-SR3-000	.2	12.90
11 Holder, Hood Support		90672-SJ4-013	1.68	
12 Grommet, Hood Support		91604-SD2-013	2.44	
13 Seal, Hood Front		74142-SR2-020	.3	38.50

Seal, Hood Rear-See Cowl & Dash Section

14 Moulding, Hood				
Canada	N.A.		.3	N.A.
15 Cover, Condenser		74149-SR2-000		21.54

COOLING

Use Procedure Explanations 5 and 28 with the following text.



032-01103

1 Radiator Assy				
ND Design				
Man Trans				
S Model		19010-P08-013	#1.5	431.16
Si Model		19010-P28-A04	#1.5	431.16
VTEC Model	93-95	19010-P30-G02	#1.5	453.95
	96	19010-P30-G03	#1.5	453.95
Auto Trans				
S Model		19010-P03-903	#1.8	395.90
Si Model		19010-P28-G52	#1.8	395.90
Toyota Design				
Man Trans				
S Model		19010-P07-024	#1.8	431.16
Si Model		19010-P28-A04	#1.8	431.16
Auto Trans	93-95	19010-P1Z-A52	#1.8	395.90
	96	19010-P1Z-A52	#1.8	395.90

#w/ A/C Add .4

2 Cap, Radiator				
ND Design		19045-P08-013	14.12	
Toyota Design		19045-P08-014	14.09	
#Included w/Radiator Assy				
3 Bracket, Rad Mount		74176-SR3-000	7.28	
4 Cushion, Rad Mtg Upper		74173-SJ4-000	2.00	
#Included w/Rad Mount Bracket				
5 Cushion, Rad Mtg Lower		74172-SR3-000	6.56	
6 Fan, Cooling				
ND Design		19020-P08-003	#7	30.80
Toyota Design		19020-P70-004	#7	30.58
7 Shroud Assy, Fan				
the del Sol Guide				
ND Design	93	19015-P08-013	#7	64.55
	94-96	19015-P08-013	#7	64.55

Toyota Design	93	19015-P08-013	#7	64.55
	94-96	19015-P08-014	#7	64.55
#Order by Application				
8 Label, Fan Caution		19018-P08-000	#	2.16
#Included w/Fan Shroud Assy				
9 Motor, Fan				
ND Design		19030-P08-013	#7	187.22
Toyota Design		19030-P08-014	#7	187.22
#R&R Complete, w/Radiator Removed Deduct .4				
Pump, Water				
S, Si Model	93-95	19200-P01-004	m #2.5	50.83
	96	19200-P2A-A01	m #2.5	44.67
VTEC Model	94-95	19200-P30-003	m #2.5	108.33
	96	19200-P72-013	m #2.5	108.33

#w/ A/C Add .5, w/Pwr Strg Add .3

10 Hose, Rad Upper				
S, Si Model		19501-P08-000	#7	16.67
VTEC Model		19501-P30-000	#7	27.92
11 Hose, Rad Lower				
S, Si Model		19502-P08-000	#7	31.67
VTEC Model		19502-P30-000	#7	37.50
#R&R Upper & Lower 1.0				
12 Tank, Coolant		19101-P08-J00	.3	37.36
13 Cap, Tank	93-94	19110-P08-000		8.40
	95-96	19102-PM5-A00		5.38
14 Hose, Coolant Tank		19104-P23-010		5.22
15 Bracket, Coolant Tank		19115-P28-A00		12.72

A/C REFRIGERANT CAPACITIES

A/C R-12 Refrigerant Capacity

1993: 21-23 Ozs (1.31-1.43 Lbs)

A/C R-134 Refrigerant Capacity

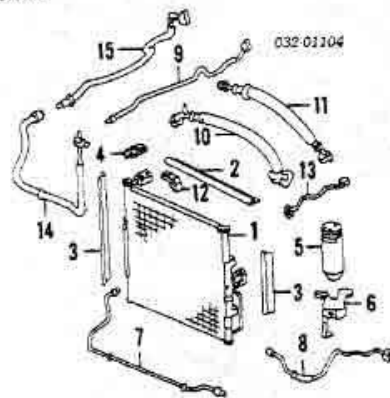
1994-96: 17-19 Ozs (1.06-1.18 Lbs)

AIR CONDITIONING/HEATER

Use Procedure Explanation 6 with the following text.

Evacuate & Recharge System	m	1.4
Refrigerant Recovery	m	.3

NOTE: R&R Does Not include recover, evacuate and recharge system.



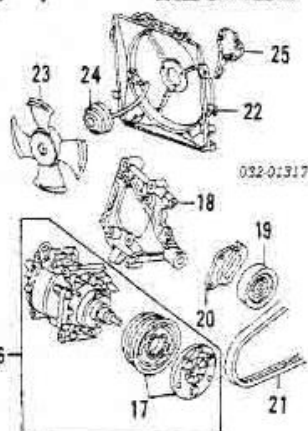
032-01104

1 Condenser				
USA				
1993				
Modine		80110-SR1-A22 m	#8	298.81
Showa		80110-SR1-A22 m	#8	298.81
1994-96				
Modine		80110-SR1-A13 m	#8	d156.00
Showa				
S, Si Model		80110-SR1-A13 m	#8	d156.00
VTEC Model		04801-SR1-305 m	#8	156.00
Canada				
1993				
1994		80110-SR1-A22 m	#8	298.81
Modine		80110-SR1-A13 m	#8	d156.00
SAK		N.A.	#8	N.A.
1995-96				
Modine		80110-SR1-A13 m	#8	d156.00
SAM		80110-SR1-A13 m	#8	d156.00
#Includes Remove Fan as an Assy				
2 Seal, Condenser Upper		80115-SR3-000 m		10.44
3 Seal, Condenser Side	R	80116-SR3-000 m		10.44
	L	80117-SR3-000 m		10.44
4 Bracket, Condenser		80107-SR3-000 m		2.68
5 Receiver/Drier				
1993		80351-SR1-A11 m	#5	58.25
1994				
USA		80351-ST7-A11 m	#5	58.25
Canada				
S, Si Model		80351-ST7-A11 m	#5	58.25
VTEC Model		80351-ST7-003 m	#5	83.25
1995-96		80351-ST7-A11 m	#5	58.25
6 Bracket, Receiver		80352-SR3-000 m	#5	12.54
#R&R Complete				
7 Pipe, Condenser Front				
1993		80342-SR1-A11 m	.5	8.82
1994-96				
USA		80342-SR1-A22 m	.5	16.82
Canada				
S, Si Model		80342-SR1-A22 m	.5	16.82
VTEC Model		80342-SR3-A02 m	.5	39.42

HONDA CIVIC DEL SOL 1993-96

AIR CONDITIONING/HEATER Cont'd

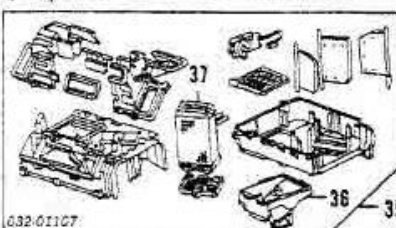
8 Pipe, Receiver/Compressor			
1993	80341-SR1-A11 m	.5	20.72
1994			
S, Si Model	80341-SR1-A12 m	.5	20.72
VTEC Model	80341-SR3-A02 m	.5	55.57
1995-96	80341-SR1-A21 m	.5	20.72
9 Pipe, Evaporator/Compressor			
1993	80343-SR1-A11 m	.5	17.47
1994			
USA	80343-SR1-A22 m	.5	22.42
Canada			
S, Si Model	80343-SR1-A22 m	.5	22.42
VTEC Model	80343-SR3-A02 m	.5	98.70
1995-96	80343-SR1-A22 m	.5	22.42
10 Hose, Discharge			
1993	80315-SR1-A11 m	.8	132.97
1994-96			
USA	80315-SR1-A12 m	.8	56.07
Canada			
S, Si Model	80315-SR1-A12 m	.8	56.07
VTEC Model	80315-SR3-911 m	.8	139.00
11 Hose, Suction			
1993	80311-SR1-A11 m	.5	108.08
1994-96			
USA	80311-SR1-A12 m	.5	33.65
Canada			
S, Si Model	80311-SR1-A12 m	.5	33.65
VTEC Model	80311-SR3-A02 m	.5	112.98
12 Bracket, Discharge Hose			
1993	80373-SR3-000 m		4.14
1994			
USA	80331-SR1-A11 m	.5	17.62
Canada			
S, Si Model	80331-SR1-A12 m	.5	44.87
VTEC Model	80331-SR1-A12 m	.5	44.87
1995-96	80331-SR3-013 m	.5	32.38
	80331-SR1-A12 m	.5	44.87
14 Pipe, Front Suction			
1993	80321-SR1-A11 m	.5	25.31
1994			
USA	80321-SR1-A12 m	.5	44.87
Canada			
S, Si Model	80321-SR1-A12 m	.5	44.87
VTEC Model	80321-SR3-A02 m	.5	66.20
1995-96	80321-SR1-A12 m	.5	44.87
15 Pipe, Rear Suction			
1993	80322-SR1-A11 m	.5	18.67
1994			
USA	80322-SR1-A22 m	.5	44.87
Canada			
S, Si Model	80322-SR1-A22 m	.5	44.87
VTEC Model	80322-SR3-A02 m	.5	62.80
1995-96	80322-SR1-A22 m	.5	44.87



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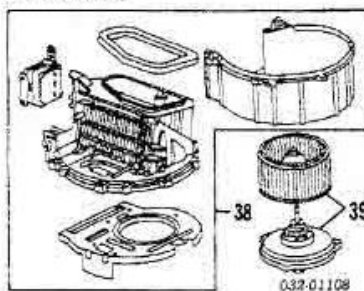
16 Compressor Assy			
1993	38810-P06-A03 m #1.1		375.00
1994			
Hadsys	38810-P76-016 m #1.1		433.33
Sanden	38810-P06-A06 m #1.1		375.00
1995	38810-P06-A06 m #1.1		375.00
1996			
S, Si Model	38810-P28-A02 m #1.1		416.66
VTEC Model	38810-PR7-A04 m #1.1		583.33
17 Clutch, Compressor			
1993	38900-P07-014 m #1.5		133.25
1994			
Hadsys	38900-P06-006 m #1.5		133.25
Sanden	38900-P06-A02 m #1.5		133.25
1995	38900-P06-A02 m #1.5		133.25
1996			
S, Si Model	38900-P2R-A01 m #1.5		130.82
VTEC Model	38900-P2T-003 m #1.5		171.18
18 Bracket, Compressor			
S, Si Model	93-95 38930-P06-A00 m		113.43
	96 38930-P2A-000 m		53.68
VTEC Model	94-95 38930-P54-000 m		117.55
	38930-P30-000 m		115.65
Brace, Compressor			
VTEC Model	38941-P30-000 m		29.22

19 Pulley, Idler			
93-94	38942-PM3-000 m	#.5	36.40
95-96	38942-P01-003 m	#.5	39.68
20 Stay, Idler Pulley			
93-95	38926-PM3-000 m		36.58
96	38926-P2A-000 m		3.02
21 Belt, Compressor			
93-95	38920-P01-003	#.3	10.02
96	38920-P2A-003	#.3	9.95
22 Shroud, Condenser Fan			
	80161-SR3-000	#.7	60.38
23 Blade, Fan			
	80152-SR3-013	#.7	27.33
24 Motor, Cooling			
	80151-SR3-013	#.7	192.93
25 Protector, Motor			
	80162-SR3-000	#.7	5.68
#R&R Complete, w/Condenser Removed Deduct .4			
26 Case, Evap Upper			
93	80201-SR3-A02 m	#.7	37.42
94-96	80201-SR3-A10 m	#.7	37.05
27 Case, Evap Lower			
	80202-SR3-A00 m	#.7	37.83
28 Insulator, Upper-Serviced w/Upper Evap Case			
29 Insulator, Lower-Serviced w/Lower Evap Case			
#R&R Complete			
30 Evaporator Assy			
93	80210-SR1-A11 m	.7	271.54
94-96	80210-SR1-A12 m	.7	271.54
31 Core, Evaporator			
1993	80215-SR1-A21 m	.9	271.54
1994			
USA	80210-ST7-A21 m	.9	280.06
Canada			
S, Si Model	80210-ST7-A21 m	.9	280.06
VTEC Model	80215-ST7-A01 m	.9	308.02
1995-96	80210-ST7-A21 m	.9	280.06
32 Valve, Expansion			
1993	80220-SR1-A11 m	#.9	49.95
1994			
USA	80220-ST7-A11 m	#.9	41.58
Canada			
S, Si Model	80220-ST7-A11 m	#.9	41.58
VTEC Model	80220-ST7-A02 m	#.9	91.97
1995-96	80220-ST7-A11 m	#.9	41.58
33 Seal, Evap Outer			
	80287-SR3-000 m		9.00
34 Seal, Evap Inner			
	80286-SR3-000 m		7.80



032-01107

35 Heater Assy			
	79100-SR2-A01 m #4.5		516.50
36 Case, Heater-Serviced w/Heater Assy			
	79110-SR3-A01 m #5.3		261.98
37 Core, Heater			
#Included w/Heater Assy			
#w/ A/C Add .9			
38 Blower Assy			
	79305-SR3-A01 m #.9		183.51
39 Motor & Fan Assy			
	79310-SR3-A01 m #.3		83.33
#Included in R&R Blower Assy, w/ A/C Add .1			

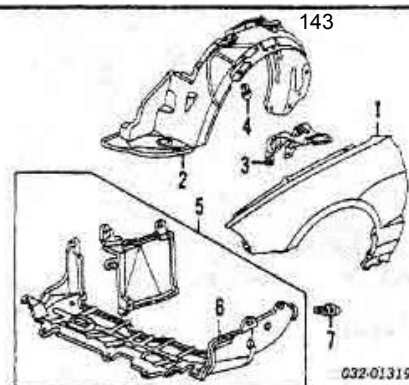


032-01108

FRONT FENDER

Use Procedure Explanations 7 and 28 with the following text.

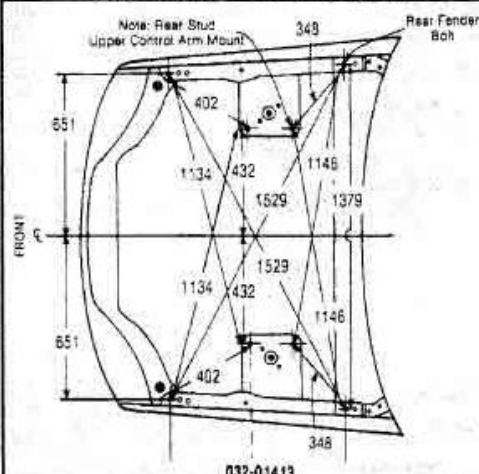
Refinish Fender Outside	2.2
Add to Edge Fender	.5
R&I Fender Assy	1.2



032-01319

1 Fender			
R	60211-SR2-A00ZZ	1.4	258.75
L	60261-SR2-A00ZZ	1.4	258.75
2 Liner, Fender			
R	74101-SR2-000	.4	55.80
L	74151-SR2-000	.4	55.80
3 Bracket, Skirt			
R	60212-SR2-000ZZ		17.88
L	60262-SR2-000ZZ		17.88
4 Clip, Skirt (7/Side)			
	91512-SM4-003		1.96
5 Splash Assy, Shield			
	74110-SR3-A00	.3	58.00
6 Shield, Splash			
	74111-SR3-A00	.3	47.26
7 Clip, Splash Shield			
3/Side			
	91516-SK7-013		2.08

UNDERHOOD DIMENSIONS



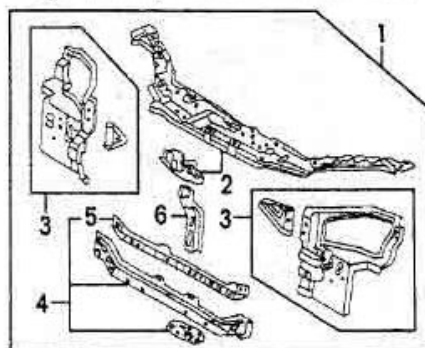
032-01413

FRONT INNER STRUCTURE

Use Procedure Explanations 8 and 28 with the following text.

FRONT

Refinish Radiator Support Assy	1.5
Refinish Upper Tie Bar	.5
Refinish Outer Lower Tie Bar	#.7
#Includes Refinish Inner Lower Tie Bar	
Refinish Side Support Panel	.5
Add to R&R Radiator Support Assy	
w/ A/C	m #.4
#Includes R&R Condenser	
w/Auto Trans	.3
w/Pwr Strg Cooler	m #.3
#Includes R&R Power Steering Oil Cooler	
To Air Lamps	.4
Evacuate & Recharge System	m 1.4
Refrigerant Recovery	m .3



032-01574

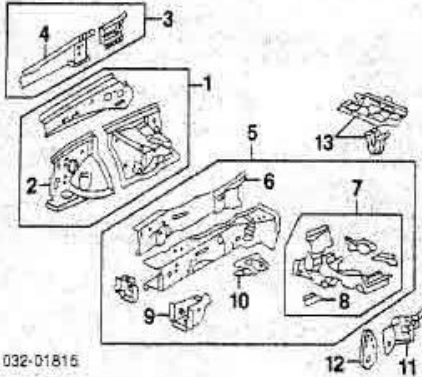
1 Support Assy, Radiator			
1993-95	60400-SR2-A00ZZ s #9.4		280.36
1996	60400-SR2-A00ZZ s #9.4		280.36

#Includes R&I Headlamp Assemblies, Signal Lamp Assemblies, Front Cover Assy, R&R Coolant Tank, Radiator, Fan Shroud Assy, Reinforcement Bar Assy, Number 2 Air Intake Tube, Splash Shield, Fluid Tank Assy, Hood Latch, Condenser Cover, Horns, Clips & Fasteners & D&C Latch Release Cable Assy & Wiring/Harness as Necessary

2 Tie Bar Assy, Upper	04602-SR2-300ZZ s	2.0	75.53
3 Panel, Side Support	R 04601-SR2-300ZZ s	2.5	71.53
	L 04611-SR2-300ZZ s	2.5	71.53
4 Tie Bar, Lower Outer	04603-SR3-A00ZZ s	#3.0	103.08
1993-95			
1996	04603-S04-G00ZZ s	#3.0	107.22
5 Tie Bar, Lower Inner (a)	60442-SR3-300ZZ s	#3.0	58.28
(a) Included w/Lower Outer Tie Bar			
6 Support, Vertical	60434-SR2-300ZZ	.3	12.98
<i>#R&R Complete, w/Necessary Bolted Parts Removed</i>			
<i>#Included w/Radiator Support Assy</i>			

SIDE

Refinish Apron/Sidemember Assy	1.5
Refinish Apron Assy	1.0
Refinish Front Apron	.5
Refinish Upper Reinf	.5
Refinish Sidemember Assy	1.0



1 Apron Assy			
1993	R 60650-SR3-A01ZZ s	#7.0	258.30
	L 60750-SR3-A01ZZ s	#7.5	269.16
1994-95			
S, Si Model	R 60650-SR3-A01ZZ s	#7.0	269.16
	L 60750-SR3-A01ZZ s	#7.5	269.16
VTEC Model	R 60650-SR3-J11ZZ s	#7.0	269.16
	L 60750-SR3-J11ZZ s	#7.5	269.16
1996			
S Model	R 60650-SR2-A01ZZ s	#7.0	276.58
	L 60750-SR2-A01ZZ s	#7.5	276.58
Si Model	R 60650-SR2-A01ZZ s	#7.0	258.80
	L 60750-SR2-A01ZZ s	#7.5	276.58
VTEC Model	R 60650-SR2-J10ZZ s	#7.0	258.80
	L 60750-SR2-J10ZZ s	#7.5	258.80

#w/Necessary Bolted Parts & Assemblies Removed, w/Side Panel Removed Deduct 1.0

2 Apron, Front			
93-95 R	60611-SR0-A00ZZ s	#3.0	69.66
	L 60711-SR0-A00ZZ s	#3.5	69.66
96 R	60611-SR2-300ZZ s	#3.0	91.90
	L 60711-SR0-A00ZZ s	#3.5	69.66

#Included w/Apron Assy

#w/Side Panel Removed

3 Reinf Assy, Apron Upper			
	R 60617-SR2-300ZZ s	2.0	56.72
	L 60717-SR2-300ZZ s	2.0	56.72
4 Reinf, Front			
	R 60614-SR3-E00ZZ s	1.0	35.63
	L 60714-SR3-E00ZZ s	1.0	35.63

#Included w/Apron Upper Reinf Assy

5 Sidemember Assy			
1993			
Man Trans	R 60810-SR2-A01ZZ s	#8.0	380.11
	L 60910-SR2-A01ZZ s	#8.0	380.11
Auto Trans	R 60810-SR2-A11ZZ s	#8.0	380.11
	L 60910-SR2-A01ZZ s	#8.0	380.11
1994-96			
Man Trans	R 60810-SR2-A01ZZ s	#8.0	380.11
	L 60910-SR2-A01ZZ s	#8.0	380.11
Auto Trans	R 60810-SR2-A11ZZ s	#8.0	380.11
	L 60910-SR2-A01ZZ s	#8.0	380.11

#w/Bolted Parts & Assemblies Removed, w/Apron Assy Removed Deduct 3.0, w/Side Panel Removed Deduct 1.0

6 Plate, Sidemember			
93 R	60812-SR3-A01ZZ	1.5	72.40
	L 60912-SR3-A00ZZ	1.5	68.73
94-96 R	60812-SR3-A01ZZ	1.5	72.40
	L 60912-SR3-A01ZZ	1.5	72.40
7 Outrigger Assy, Sidemember			
Right	04600-SR2-A00ZZ s	#3.0	139.28
Left	04605-SR2-A00ZZ s	#3.0	139.28

#w/Sidemember Assy Removed

8 Bracket, Jack Up (a)	60817-SR3-300ZZ		8.08
(a) Included w/Sidemember Outrigger Assy			
9 Brkt, Hook Tie Down	R 60828-SR3-300ZZ	20.18	
	L 60928-SR3-300ZZ	20.18	

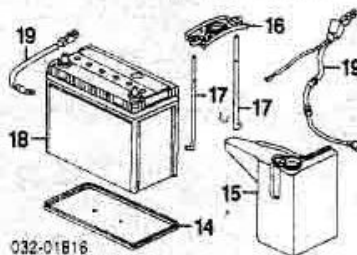
#Included w/Sidemember Assy

10 Brkt, Trans Mount			
Man Trans	60831-SR3-300ZZ	26.28	
Auto Trans	60831-SR3-600ZZ	26.28	

#Included w/Right Sidemember Assy

11 Bracket, Eng Supt	60930-SR3-300ZZ	44.32	
<i>#Included w/Left Sidemember Assy</i>			

12 Hook, Tie Down	93 60821-SH3-A00	.2	23.42
	94-96 60821-SR3-J00ZZ	.2	20.10
13 Base, Battery Tray	93 60630-SR3-000ZZ		36.70
	94-96 60630-SR3-010ZZ		38.22

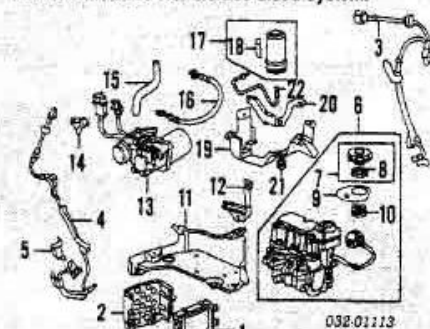


14 Tray, Battery	31521-SR3-000		8.84
15 Cover, Battery	31531-SR3-A00		18.62
16 Bracket, Hold Down	31512-SR3-000		12.12
17 Bolt, Battery (2)	31513-SR3-000		4.08
18 Battery-See Electrical Section			
19 Cable, Battery-See Electrical Section			

ANTILOCK BRAKE SYSTEM

Bleed System.....m .5

NOTE: R&R Does Not include bleed system.



1 Control Unit ABS	39790-SR3-013 m	.5	1194.41
2 Brkt, ABS Control Unit	39791-SR2-900 m		137.28
3 Sensor, ABS Front	R 57450-SR3-801 m	.3	100.07
	L 57455-SR3-801 m	.3	100.07
4 Sensor, ABS Rear	R 57470-SR2-A03 m	#7	119.25
	L 57475-SR2-A03 m	#7	119.25
5 Cover, Rear ABS Sensor	R 42534-SK7-A00 m	#7	7.72
	L 42535-SK7-A00 m	#7	7.72

#R&R One Side Complete

6 Modulator Assy, ABS	57110-SR2-803 m	1.1	1743.22
7 Cap, ABS Modulator	57196-SP0-003 m		23.02
8 Seal, Cap (a)	57198-SP0-003 m		8.40
(a) Included w/ABS Modulator Cap			
9 Label, ABS	57119-SR3-003 m		2.98
10 Filter, Modulator	57193-SP0-013 m		8.88

#Included w/ABS Modulator Assy

11 Bracket, Modulator	57115-SR3-020 m		49.27
12 Bracket, Rear	57116-SR3-A01 m		24.18
13 Pump Assy, ABS	57310-SR3-023 m	.7	616.80
14 Brkt, ABS Pump	57376-SR3-000 m		4.04
15 Hose, Pump	57371-SR3-000 m	.5	5.18
16 Hose, Pressure	57380-SR3-003 m	1.0	53.80
17 Accumulator, ABS	57070-SR3-013 m	.5	216.53
18 Label, Caution	57073-SR3-013 m		2.70

#Included w/ABS Accumulator

19 Brkt, Accumulator Lwr	57355-SR3-020 m		30.32
20 Brkt, Accumulator Upr	57375-SR3-010 m		9.06
21 Mount, Bracket (3)	57358-SB0-800 m		2.26
22 Pipe, Accumulator	57090-SR3-010 m		6.22

AIR BAG SYSTEM

Disable & Enable Air Bag System.....m .3

Diagnose Air Bag System (If Required).....m 2.0

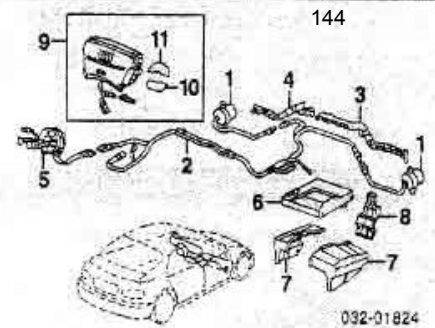
NOTE 1: R&R Does Not include disable & enable or diagnose Air Bag System.

NOTE 2: Refer to Procedure Explanation 30 for Supplemental Restraint/Air Bag Systems Component Inspection and Replacement Information.

1993

Illustration Located in Next Column

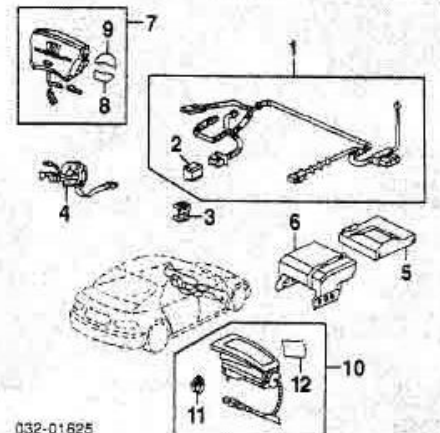
1 Sensor, SRS	06771-SM5-A81 m	#1.0	361.81
<i>#Includes R&I Foot Rest & Door Sill Mldg</i>			
2 Harness Assy, SRS	77961-SR2-A80 m		361.47
<i>#Includes R&I Foot Rest & Door Sill Mldg</i>			
3 Number 1	78961-SR2-A81 m	11.80	
4 Number 2	78962-SR2-A81 m	10.52	
5 Clockspring			
S Model	77900-SR3-A01 m	.8	302.20
Si Model	77900-SR3-A81 m	.8	302.20



6 Control Unit, SRS	06772-SR3-N80 m	.4	759.23
7 Cover, SRS Control Unit	77964-SR2-A00 m		20.46
8 Protector, Dashboard	77922-SR3-A80 m		7.05
9 Module, Air Bag	06770-SR2-A81ZB m	.3	971.25
10 Label, Module Caution	77804-SP0-A80		3.10
11 Label, Inflator	77894-SP0-A80		6.26

#Included w/Air Bag Module

1994-96



1 Harness Assy, SRS	94-95 77961-SR2-L80 m		375.08
	96 77961-SR2-L90 m		N.A.
2 Case, Connector	77969-SR3-003 m		2.75
<i>#Included w/SRS Harness Assy</i>			
3 Holder, Coupler	94-95 77982-SP0-A81		2.06
	96 77982-S04-N81		1.38

4 Clockspring			
1994-95			
S Model	77900-SR3-A01 m	.8	302.20
Si, VTEC Model	77900-SR3-A81 m	.8	302.20
1996	77900-S77-A01 m	.8	N.A.
5 Control Unit, SRS	77960-SR2-A81 m	#4	601.00
6 Cover, SRS Control Unit	77964-SR2-A00 m	#4	20.46

#R&R Complete

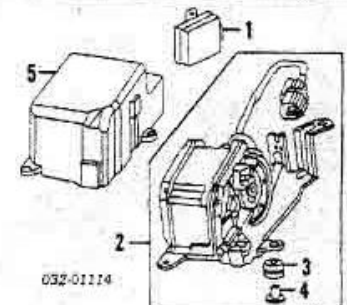
7 Module, Air Bag Driver Side			
94-95	06770-SR2-A81ZB m	.3	971.25
96	06770-SR2-A82ZB m	.3	1005.52
8 Label, Module Caution	77804-SP0-A80		3.10
9 Label, Inflator	77894-SP0-A80		6.26

#Included w/Driver Side Air Bag Module

10 Module, Air Bag Passenger Side			
94-95	06780-SR2-A80ZA m	.7	1300.00
96	06780-SR2-A81ZA m	.7	1300.00
11 Clamp, Harness	91551-SF4-003		3.40
12 Label, Caution	77881-SM4-A80		4.52

#Included w/Passenger Side Air Bag Module

CRUISE CONTROL SYSTEM



1 Control Unit, Cruise			
Man Trans			
Si Model	93-94 36700-SR4-A03 m	.7	256.95
	95-96 36700-SR4-A04 m	.7	266.97
VTEC Model	94 36700-SR4-A13 m	.7	256.95
	95-96 36700-SR4-A14 m	.7	266.97
Auto Trans	93-94 36700-SR4-A13 m	.7	256.95
	95-96 36700-SR4-A14 m	.7	266.97

HONDA CIVIC DEL SOL 1993-96

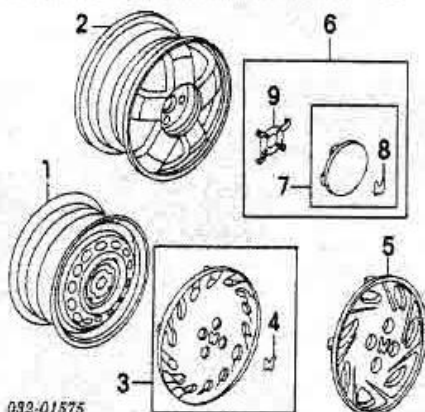
CRUISE CONTROL SYSTEM Cont'd

2 Actuator, Cruise Control	36510-P28-A01 m #.5	356.80
3 Rubber, Actuator Mount	36642-PY3-000 m #.5	3.92
4 Collar, Mount	36641-PY3-000 m #.5	3.20
*Included w/Cruise Control Actuator		
5 Cover, Actuator	36621-P28-A00 m #.5	14.14
#R&R Complete		

WHEEL

Use Procedure Explanation 10 with the following text.

Refinish Wheel 5



032-01575

1 Wheel, Steel	42700-SR1-935	.3	98.58
2 Wheel, Aluminum	93-94 42700-SR2-A12	.3	359.26
	95-96 42700-SR2-A40	.3	359.26
3 Cover, Wheel	93 44733-SR4-933		69.15
	94 44733-SR4-J30		72.61
4 Emblem	44734-SR3-000		1.16
*Included w/1993-94 Wheel Cover			
5 Cover, Wheel	95-96 44733-SR3-J40		69.90
6 Cap Assy, Wheel	93-94 44732-SR2-A12		42.03
	95-96 44732-SR2-A40		36.06
7 Base, Cap	1993-94 44742-SR2-A12		40.73
1995-96-Not Serviced			
8 Emblem	USA-Serviced w/Cap Base		
	Canada (a) 44734-SR3-000		1.16
(a) Included w/Cap Base			
9 Retainer, Cap	44738-SB6-801		15.52
*Included w/Wheel Cap Assy			
Nut, Lug	90381-SV1-901		.96
Stem, Valve	42753-SB8-661		.78
*Order by Application			

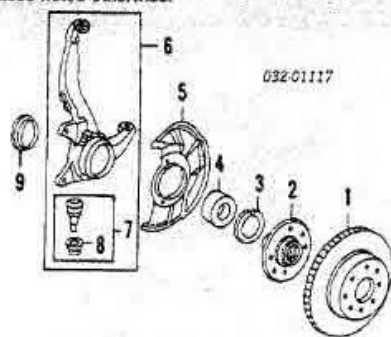
FRONT SUSPENSION

Use Procedure Explanation 11 with the following text.

R&I Suspension (One Side)	m 2.0
O/H Suspension (Includes R&I)	
One Side	m 3.8
Both Sides	m 6.7
Adjust Four Wheel Alignment	m 1.6
Adjust Front Alignment	m 1.3
Add to Adjust Alignment	
w/Wheel Covers	.2
Bleed Brake System	
w/ABS	m .5
w/o ABS	m .3

NOTE 1: R&R/R&R or O/H Does Not include alignment or bleed brake system.

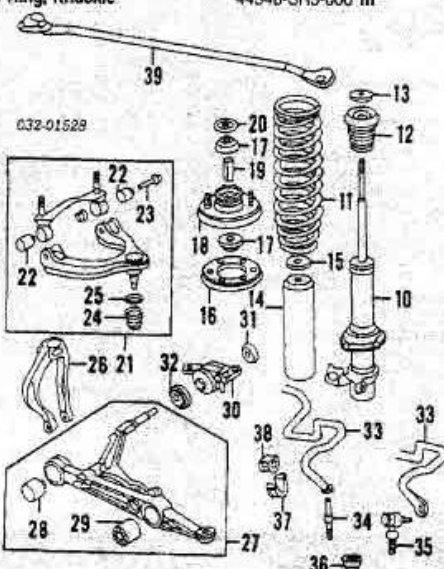
NOTE 2: All Parts in this section are included in overhaul unless noted otherwise.



032-01117

1 Rotor, Brake			
w/ABS	94 45251-SK7-J00 m #.6	83.25	
	95-96 45251-SK7-A10 m #.6	83.25	
w/o ABS			
S Model	45251-SR3-A10 m #.6	66.58	
Si Model	93 45251-SR3-A10 m #.6	66.58	
	94-96 45251-SR3-A00 m #.6	66.58	
#R&R Both Sides 1.0			

2 Hub, Wheel			
w/ABS	94-95 44600-S04-A00 m #1.8	122.38	
	96 44600-S04-A00 m #1.8	122.38	
w/o ABS	93-95 44600-SR3-980 m #1.8	128.47	
	96 44600-S04-980 m #1.8	106.35	
	90681-SR3-A10 m #1.8	6.80	
3 Circlip			
4 Bearing, Hub			
S, Si Model	44300-SR3-004 m #1.8	77.17	
VTEC Model	44300-SR3-A04 m #1.8	59.75	
*Order by Application			
#R&R One Side Complete, Includes R&R Rotor, R&R Both Sides 3.4			
Caliper, Brake			
w/ABS	94-95 R 45018-SR3-V00RM m #.5	122.40	
	L 45018-SR3-V00RM m #.5	122.40	
	96 R 45018-S04-V01 m #.5	309.58	
	L 45018-S04-V01 m #.5	309.58	
w/o ABS	93-94 R 45210-SR3-L01 m #.5	315.97	
	L 45210-SR3-L01 m #.5	315.97	
	95-96 R 45018-SR3-A00 m #.5	324.50	
	L 45018-SR3-A00 m #.5	299.53	
*Part Numbers w/RM Suffix are Remanufactured Parts.			
Contact Dealer for Core Charge & Exchange Information			
#w/Rotor Removed Deduct .3, R&R Both .8			
Hose, Brake			
Meiji	46410-SR3-023 m #.3	31.83	
Nichinn	46410-SR3-023 m #.3	31.83	
*Order by Application			
#w/Caliper Removed Deduct .2			
5 Shield, Splash			
w/ABS	94-95 45255-SR3-V00 m #	21.10	
	96 45255-SR3-V01 m #	18.80	
w/o ABS	93-95 45255-SR3-010 m #	23.28	
	96 45255-S01-000 m #	6.00	
#Included in R&R Knuckle or Hub & Bearing Assy			
6 Knuckle Assy, Steering			
w/ABS	94 R 51210-SR3-N00 m #1.8	209.68	
	L 51210-SR3-N00 m #1.8	209.68	
	95-96 R 51210-SR3-N10 m #1.8	201.88	
	L 51210-SR3-N10 m #1.8	201.88	
w/o ABS	R 51210-SR3-000 m #1.8	201.88	
	L 51210-SR3-000 m #1.8	201.88	
#Includes R&R Seal, Bearing, Hub, Splash Shield & Rotor, R&R Both Sides 3.4			
7 Ball Joint Assy	51220-S04-003 m #.3	15.00	
8 Boot, Dust	(a) 51225-SP0-A01 m #.3	9.42	
*Included w/Steering Knuckle Assy			
(a) Included w/Ball Joint Assy			
#R&R One Side Complete, w/Knuckle Removed, Not Included in O/H			
9 Ring, Knuckle	44348-SR3-000 m	4.32	



032-01528

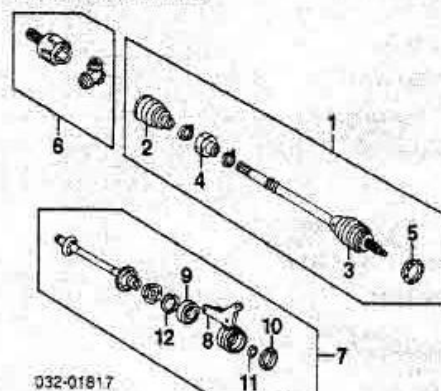
10 Absorber, Shock			
S, Si Model	R 51805-SR3-J03 m #1.3	100.34	
	L 51806-SR3-J03 m #1.3	100.34	
VTEC Model	R 51805-SR3-N03 m #1.3	100.34	
	L 51806-SR3-N03 m #1.3	100.34	
11 Spring, Coil			
S Model	51401-SR3-A01 m #1.3	101.02	
Si Model	51401-SR2-J41 m #1.3	101.09	
VTEC Model	51401-S77-N31 m #1.3	107.55	
12 Bumper, Stop	52722-SM4-961 m #1.3	15.18	
*Order by Application			
13 Plate, Bumper Stop	52690-SG0-000 m #1.3	72	
14 Cover, Dust	51687-SR3-003 m #1.3	14.64	
15 Plate, Dust Cover	51685-SH3-014 m #1.3	.32	
16 Rubber, Spring Seat	51686-SR0-003 m #1.3	2.80	
17 Rubber, Shock Mount	51631-SH0-003 m #1.3	5.21	
18 Base, Shock Mount	51675-SH3-024 m #1.3	14.43	
19 Collar, Shock Mount	51728-SH0-003 m #1.3	1.30	
20 Washer, Shock Mount	51621-SR0-003 m #1.3	.44	
#R&R One Side Complete, w/Lower Control Arm Removed Deduct .9, R&R Both Sides 2.4			
21 Arm Assy, Upper	93-94 R 51450-SR0-A02 m #1.0	117.73	
	L 51460-SR0-A02 m #1.0	117.73	
	95-96 R 51450-SR3-013 m #1.0	125.10	
	L 51460-SR3-013 m #1.0	125.10	
#w/Knuckle Removed Deduct .5, R&R Both Sides 1.8			
22 Bushing, Upper Arm	(a) 51455-SR0-003 m #.5	13.32	

(a) Order by Application			
#w/Upper Arm Assy Removed, Not Included in O/H			
23 Bolt, Upper Arm	90185-SR3-013 m	1.00	
24 Boot, Ball Joint	51464-SK7-003 m	13.20	
25 Circlip	90653-SB0-000 m	4.80	
*Included w/Upper Arm Assy			
26 Fork, Shock Absorber	R 51811-SR3-010 m #.5	52.17	
	L 51821-SR3-010 m #.5	52.17	
#w/Lower Arm Removed Deduct .3, Included in R&R Shock Absorber			
27 Arm Assy, Lower			
1993-94	R 51350-SR3-A02 m #1.3	220.05	
S Model	L 51360-SR3-A01 m #1.3	220.05	
	R 51350-SR3-020 m #1.3	220.05	
	L 51360-SR3-020 m #1.3	220.05	
1995-96	R 51350-SR3-020 m #1.3	220.05	
	L 51350-SR3-020 m #1.3	220.05	
#w/Knuckle Removed Deduct .5, R&R Both Sides 2.2			
28 Bushing, Lower Arm	51392-SR3-024 m #.1	20.89	
#w/Lower Arm Removed, Not Included in O/H			
29 Bushing, Absorber Fork	51810-SH3-004 m	13.56	
*Included w/Lower Arm Assy			
30 Bushing, Radius Arm			
Yamashita	R 51395-SR3-N03 m	85.64	
	L 51396-SR3-020 m	85.64	
Tokai	R 51395-SR3-N02 m	85.64	
	L 51396-SR3-N02 m	85.64	
	51398-SR3-000 m	7.10	
	51399-SR3-010 m	7.10	
31 Washer, Radius Arm Outer			
32 Washer, Radius Arm Inner			
33 Bar, Stabilizer			
S, Si Model	93 51300-SR3-N02 m #1.0	88.17	
	94-96 51300-SR3-013 m #1.0	88.17	
VTEC Model	51300-S77-003 m #1.0	108.79	
34 Bolt, Stabilizer			
S, Si Model	90112-SE0-000 m #1.0	1.20	
35 Link, Stabilizer			
VTEC Model	51320-S77-003 m #1.0	48.96	
36 Bushing, Stabilizer End	51312-SR3-000 m #1.0	7.74	
37 Bracket, Stabilizer	51308-SR3-000 m #1.0	5.06	
38 Bushing, Stabilizer Mount			
S, Si Model	93 51306-SR3-N01 m #1.0	3.93	
	94-96 51306-SR3-010 m #1.0	3.76	
VTEC Model	51306-S77-000 m #1.0	5.05	
#R&R Complete, Deduct .2 for Each Lower Arm Removed, Not Included in O/H			
39 Bar, Front Tower			
VTEC Model	74300-SR3-010 m #1.0	40.86	
#Not Included in O/H			

FRONT DRIVE AXLE

R&I Axle Shaft Assy	m #1.3
O/H Axle Shaft Assy (Includes R&I)	m #2.2
#w/Knuckle Removed Deduct 1.0	

NOTE: All Parts in this section are included in overhaul unless noted otherwise.



032-01817

1 Shaft Assy, Axle			
S Model	93 R 44010-SR1-013 m #1.8	301.07	
	L 44011-SR3-953 m #1.8	301.07	
	94-95 R 44010-SR3-040 m #1.8	301.07	
	L 44011-SR3-040 m #1.8	301.07	
	96 R 44010-S04-901 m #1.8	318.42	
	L 44011-S04-010 m #1.8	361.82	
Si Model	R 44010-S77-950 m #1.8	301.07	
w/ABS	L 44011-S77-950 m #1.8	301.07	
	93-95 R 44010-S77-900 m #1.8	301.07	
	L 44011-S77-900 m #1.8	301.07	
	96 R 44010-S04-901 m #1.8	318.42	
	L 44011-S04-010 m #1.8	361.82	
VTEC Model	94 R 44010-S77-N08 m #1.8	301.07	
	L 44011-S77-N08 m #1.8	301.07	
	95 R 44010-S77-N50 m #1.8	301.07	
	L 44011-S77-N50 m #1.8	301.07	
	96 R 44010-S04-J51 m #1.8	332.90	
	L 44011-S04-J51 m #1.8	347.37	
2 Boot, Outer	44018-SR3-901 m #1.8	54.95	
3 Boot, Inner	44017-SR3-000 m #1.8	29.95	
4 Damper, Dynamic	(a)		
S Model	44351-SR3-003 m #1.8	26.68	
Si Model	44351-SR3-902 m #1.8	26.68	
VTEC Model	44351-S04-J11 m #1.8	29.30	
(a) Order by Application			
5 Ring, Outer	44347-SF1-003 m #1.8	5.78	
*Included w/Axle Shaft Assy			

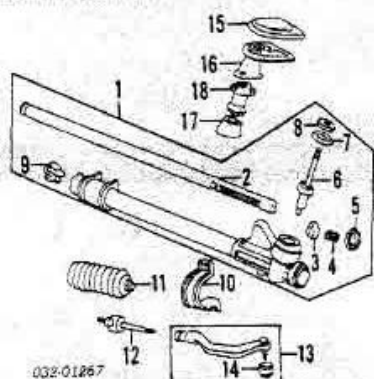
6 Joint, Inner	R 44310-SR3-300 m #1.8	239.51
	L 44310-SR3-900 m #1.8	239.51
*Order by Application		
#w/Knuckle Assy Removed Deduct 1.0		
7 Shaft Assy, Half	44500-SR3-J01 m #.4	278.62
#w/Axle Shaft Assy Removed, Not Included in O/H		
8 Support, Half Shaft	44502-SR3-J00 m #.7	144.74
9 Bearing	91057-SR3-003 m #.7	N.A.
10 Seal, Outer	91260-SR3-004 m #.7	9.78
11 Circlip, Outer	90681-SR3-000 m #.7	3.42
12 Circlip, Inner	94520-55000 m #.7	1.62
*Included w/Half Shaft Assy		
#R&R Complete, w/Axle Shaft Assy Removed, Not Included in O/H		

FRONT STEERING LINKAGE/GEAR

MANUAL

R&I Steering Gear	m 1.4
O/H Steering Gear (Includes R&I)	m 2.8
NOTE 1: R&R/R&R or O/H Does Not include adjust wheel alignment.	

NOTE 2: All Parts in this section are included in overhaul unless noted otherwise.



1 Gear Assy	53040-SR3-A01 m 1.6	370.87
2 Rack, Steering	53427-SR3-A01 m IOH	105.07
3 Guide, Steering	53416-SH3-003 m IOH	16.70
4 Spring, Pressure	53413-SH3-003 m IOH	2.47
5 Nut, Lock	53458-SE0-003 m IOH	2.02
6 Pinion, Steering	53421-SR3-A01 m IOH	71.28
7 Circlip	94520-55000 m IOH	.90
8 Seal, Pinion	53426-SE0-951 m IOH	7.04
9 Bushing, Rack End	53430-SR3-000 m IOH	10.06
*Included w/Gear Assy		
10 Bracket, Steering Box	53438-SR3-000 m IOH	6.84
11 Boot, Dust	R 53537-SR3-N02 m #.6	19.68
	L 53537-SR3-J02 m #.6	19.68
	53010-SR3-010 m #.6	56.72
12 Rod, Inner Tie	#R&R One Side Complete	
13 End, Tie Rod	93-94 R 53540-SR0-A01 m #.3	29.43
	L 53560-SR0-A01 m #.3	17.53
	95-96 R 53540-S04-003 m #.3	25.00
	L 53560-S04-003 m #.3	25.00
#Included in R&R Inner Tie Rod		
14 Boot, Tie Rod End	53546-SH0-A01 m #.5	4.86
*Included w/Tie Rod End		
#Not Included in O/H		
15 Grommet, Strg Upr	53501-SR3-000 m	7.50
16 Grommet, Strg Ctr	53502-SR3-A51 m	27.00
17 Grommet, Strg Lwr	53503-SB2-010 m	4.54
18 Spacer, Joint Hole	53504-SR3-A00 m	8.70

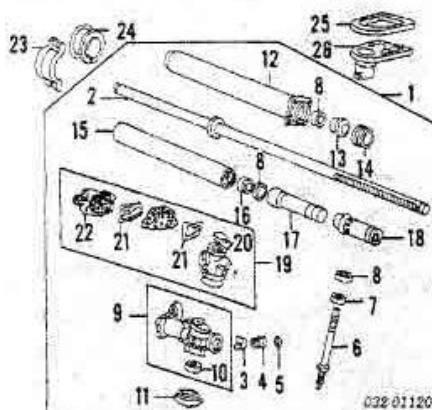
POWER S, Si MODEL 1993-95

R&I Steering Gear	m 2.6
O/H Steering Gear (Includes R&I)	m 3.9
NOTE 1: R&R/R&R or O/H Does Not include adjust wheel alignment.	

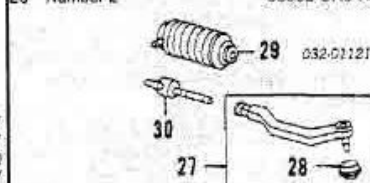
NOTE 2: All Parts in this section are included in overhaul unless noted otherwise.

Illustration Located in Next Column

1 Gear Assy	53801-SR3-A53 m 2.8	957.18
2 Rack, Steering	53626-SR3-A52 m IOH	168.82
3 Guide, Steering	93-94 53416-SD4-953 m IOH	20.88
	95 53416-SR3-A01 m IOH	16.72
4 Spring, Pressure	53413-SD4-951 m IOH	3.04
5 Nut, Lock	53458-SE0-003 m IOH	2.02
6 Pinion, Steering	53622-SR3-A52 m IOH	63.60
7 Bearing	91053-SL5-A01 m IOH	26.66
8 Seal, Pinion	06531-SR3-A51 m IOH	73.44
9 Housing, Gear Box	53608-SR3-A51 m IOH	225.45
10 Seal, Housing (a)	06532-SR3-A50 m IOH	21.96
(a) Included w/Gear Box Housing		
11 Cap, Gear Housing	53625-SR3-A50 m IOH	15.84
12 Cylinder	93-94 53611-SR3-A50 m IOH	78.67
	95 53611-SR3-A51 m IOH	82.00



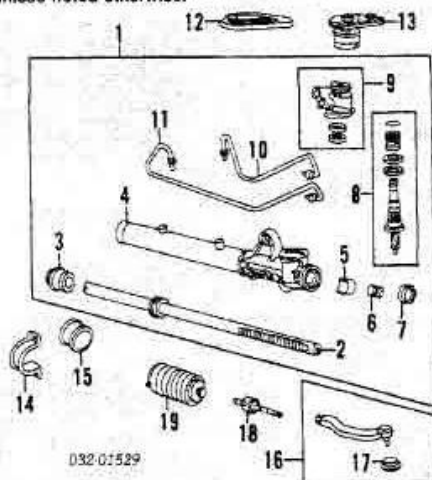
13 Bushing	53631-SD4-951 m IOH	5.88
14 Spring, Cylinder	53630-SD4-950 m IOH	4.74
15 Barrel, Cylinder	53612-SH3-950 m IOH	23.68
16 Bushing, Cylinder	53632-SF1-951 m IOH	5.88
17 Retainer	53613-SK7-950 m IOH	49.38
18 Cap, Cylinder	53614-SH3-N51 m IOH	35.24
19 Valve Assy, Body	53640-SR3-G51 m IOH	422.53
20 Cap, Valve (a)	53645-SR3-A50 m IOH	18.92
21 Seal, Port (a)	06532-SR3-A50 m IOH	21.96
22 Port, Valve (a)	53643-SR3-A50 m IOH	130.78
*Included w/Gear Assy		
(a) Included w/Body Valve Assy		
23 Bracket, Steering Box	53438-SR3-950 m IOH	7.06
24 Cushion, Steering Box	53436-SH3-950 m IOH	7.26
Grommet, Steering		
25 Number 1	53501-SR3-000 m IOH	7.50
26 Number 2	53502-SR3-A51 m IOH	27.00



27 End, Tie Rod	R 53540-SR0-A01 m #.3	29.43
	L 53560-SR0-A01 m #.3	17.53
#Included in R&R Inner Tie Rod		
28 Boot, Tie Rod End	53546-SH0-A01 m #.5	4.86
*Included w/Tie Rod End		
#Not Included in O/H		
29 Boot, Dust	R 53534-SR3-A52 m #.6	21.82
	L 53534-SR3-N52 m #.6	21.82
30 Rod, Inner Tie	53010-SR3-010 m #.6	56.72
#R&R One Side Complete		

POWER S, Si MODEL 1996 VTEC MODEL

R&I Steering Gear	m 2.6
O/H Steering Gear (Includes R&I)	m 3.9
NOTE 1: R&R/R&R or O/H Does Not include adjust wheel alignment.	
NOTE 2: All Parts in this section are included in overhaul unless noted otherwise.	



1 Gear Assy	53601-SR2-G00 m 2.8	817.62
S Model		
Si, VTEC Model	53601-SR2-G00-A61 m 2.8	1114.95
2 Rack, Steering		
S Model	53626-SR2-G01 m 2.8	154.80
Si, VTEC Model	53626-SR2-G01-A61 m 2.8	205.25

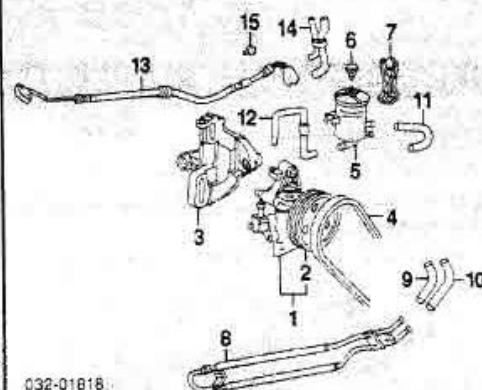
3 End, Cylinder	53630-SD4-951 m IOH	18.08
4 Housing, Gear Box	53608-SR3-A50 m IOH	417.42
5 Guide, Steering	53416-SD4-953 m IOH	12.58
6 Spring, Pressure	53413-SD4-951 m IOH	2.20
7 Nut, Lock	53458-SE0-003 m IOH	2.02
8 Valve Assy, Steering		
S Model	53641-SR2-G00 m IOH	226.20
Si, VTEC Model	53641-SR2-A61 m IOH	286.38
9 Housing, Valve	53645-SR3-A50 m IOH	128.18
Pipe, Cylinder		
10 Number 1	53670-SR3-A50 m IOH	26.24
11 Number 2	53671-SR3-A50 m IOH	17.56
*Included w/Gear Assy		
Grommet, Steering		
12 Number 1	53501-SR3-000 m IOH	7.50
13 Number 2	53502-SR3-010 m IOH	29.14
14 Bracket, Steering Box	53438-SR3-950 m IOH	7.06
15 Cushion, Steering Box	53436-SR3-950 m IOH	6.27
16 End, Tie Rod	94-95 R 53540-SR0-A01 m #.3	29.43
	L 53560-SR0-A01 m #.3	17.53
	96 R 53540-S04-003 m #.3	25.00
	L 53560-S04-003 m #.3	25.00

#Included in R&R Inner Tie Rod		
17 Boot, Tie Rod End	53546-SH0-A01 m #.5	4.86
*Included w/Tie Rod End		
#Not Included in O/H		
18 Rod, Inner Tie	53010-SR3-010 m #.6	56.72
19 Boot, Dust	R 53534-SR3-A52 m #.6	23.54
	L 53534-SR3-N52 m #.6	21.82

#R&R One Side Complete

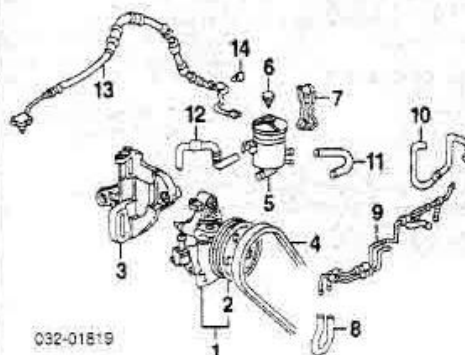
STEERING PUMP

S, Si MODEL 1993-95



1 Pump Assy, Steering	56110-P02-A02 m #1.1	593.53
#Includes Bleed System		
2 Pulley, Strg Pump	56483-P02-305 m .5	41.98
#Included w/Steering Pump Assy		
3 Bracket, Steering Pump		
S Model	56997-P02-000 m	124.76
Si Model	56997-P28-000 m	124.76
4 Belt, Drive	56992-P02-003 m .3	10.02
5 Reservoir, Fluid	53701-SR3-A51 m .6	60.64
6 Cap, Reservoir	53697-SB3-952 m	6.15
7 Bracket, Reservoir	53711-SR3-951 m	14.02
8 Cooler, Power Strg Oil		
S Model	53765-SR3-953 m .5	56.58
Si Model	53765-SR3-973 m .5	111.05
9 Hose, Oil Cooler Return	53734-SR3-A50 m .3	6.28
10 Hose, Oil Cooler Inlet	53735-SR3-951 m .3	7.84
11 Tube, Reservoir	53733-SR3-A50 m #.3	8.58
12 Tube, Suction	53731-SR3-950 m #.3	22.58
#R&R One or Both		
13 Hose, Pressure		
S, Si Model		
Nichirin	53713-SR3-L52 m 2.0	252.87
Sumitomo	53713-SR3-A05 m 2.0	252.87
14 Hose, Return	53732-SR3-A52 m .7	28.02
15 Switch, Pressure	56490-PT0-023 m	53.04

S, Si MODEL 1996 VTEC MODEL



STEERING PUMP Cont'd

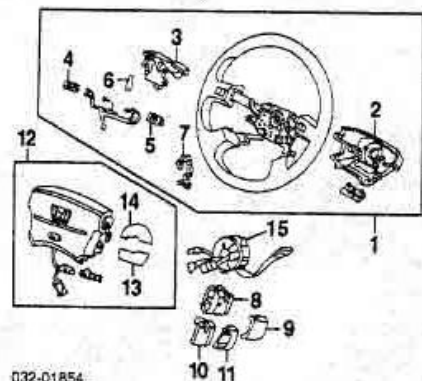
S, Si MODEL 1996 VTEC MODEL Cont'd

1 Pump Assy	56110-P02-020	m #1.1	611.50
S, Si Model	56110-P30-020	m #1.1	588.93
VTEC Model			
#Includes Bleed System			
2 Pulley, Steering Pump	56483-P04-003	m .5	38.06
S, Si Model	56483-P30-000	m .5	43.52
VTEC Model			
#Included w/Pump Assy			
3 Bracket, Steering Pump	56997-P76-000	m	115.62
S, Si Model			
VTEC Model			
4 Bolt, Drive	56992-P76-003		10.02
S, Si Model			
VTEC Model			
Bando	56992-P30-003	.3	10.02
Mitsubishi	56992-P30-004	.3	10.02
5 Reservoir, Fluid	53701-SR3-951	m .6	64.75
6 Cap, Reservoir	53697-SB3-952		6.15
7 Bracket, Reservoir	53711-SR3-951	m	14.02
8 Cooler, Power Strg Oil	53735-SR3-960	m .5	12.97
9 Tube, Power Strg Comb	53730-SR3-951	m	75.92
10 Hose, Return	53732-ST7-A01	m .7	40.26
11 Tube, Reservoir	53733-SR3-951	m #.3	9.18
12 Tube, Suction			
S, Si Model	53731-SR3-950	m #.3	22.58
VTEC Model	53731-SR3-990	m #.3	24.10
#R&R One or Both			
13 Hose, Pressure	53713-SR2-A61	m 2.0	238.77
S, Si Model	53713-SR3-A92	m 2.0	252.87
VTEC Model			
14 Switch, Pressure	56490-PT0-023	m	53.04

STEERING WHEEL/COLUMN

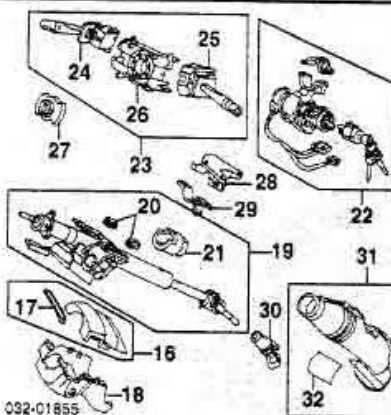
R&I Steering Column	m 1.3
O/H Steering Column (Includes R&I)	m 2.0
Add to O/H Steering Column	
w/Adjustable Column	m .3

NOTE: All Parts in this section are included in overhaul unless noted otherwise.



032-01854

1 Wheel Assy, Steering			
USA	93-95 78510-SR4-A03ZB	m .5	310.58
Canada	96 78510-SR2-A61ZM	m .5	309.38
	93 N.A.	m .5	N.A.
	94-95 N.A.	m .5	N.A.
	96 78510-SR2-A61ZM	m .5	309.38
	78518-SR4-A81ZB	m	14.52
2 Cover, Body			
3 Plate, Body Cover			
1993-95-Serviced w/Steering Wheel			
1996	78509-ST7-A61	m	6.22
4 Button, Horn			
Number 1	93-95 78522-SR4-A81ZF	m	12.75
	96 78522-ST7-A81ZM	m	15.78
5 Number 2	93-95 78521-SR4-A81ZF	m	12.75
	96 78521-ST7-A81ZM	m	15.78
6 Label, Caution	93 78527-SG0-A80	m	2.18
	94-96 78527-SP0-A80	m	2.82
7 Brkt, Cruise Switch	78516-SR4-A81	m	2.10
#Included w/Steering Wheel Assy			
8 Switch, Cruise	93-95 36770-SR3-A01	m #.3	42.00
	96 36770-SN7-G01	m #.3	41.24
9 Case, Cruise Switch	36771-SR3-A01	m #.3	7.46
Lid, Case			
10 Number 1	78519-SR3-A02	m #.3	22.76
11 Number 2	78520-SR3-A01ZC	m #.3	9.22
#R&R Complete			
12 Module, Air Bag-See Air Bag System Section			
13 Label, Module Caution-See Air Bag System Section			
14 Label, Inflator-See Air Bag System Section			
#Included w/Air Bag Module			
15 Clockspring-See Air Bag System Section			



15 Cover, Column Upper	93-95 77350-SR2-A00ZB	m #.3	13.57
	96 77350-SR2-A10ZA	m #.3	19.74
	77351-SR2-000	m #.3	8.80
17 Boot, Column			
#Included w/Column Upper Cover			
18 Cover, Column Lower	93-95 77360-SR2-C01ZB	m #.3	18.57
	96 77360-SR2-A00ZA	m #.3	23.14
#R&R Complete			
19 Column Assy, Strg	93 53200-SR3-A02	m 2.3	316.83
	94-96 53200-SR2-A00	m 2.3	316.83
20 Guide, Plate (2)	53201-SM5-003	m	2.30
21 Collar, Strg Retainer	53217-SR3-000	m	5.96
#Included w/Strg Column Assy			
22 Lock Assy, Steering			
Man Trans	93 35100-SR3-A03	m #.9	226.43
	94-96 35100-SR3-A03	m #.9	226.43
Auto Trans	93 35100-SR3-A12	m #.9	226.43
	94-95 35100-SR3-A13	m #.9	226.43
	96 35100-SR2-A11	m #.9	219.92
23 Switch Assy, Combination			
1993	35250-SR2-A21	m #.6	172.85
1994-95	35250-SR2-A22	m #.6	181.50
1996	35250-SR2-G31	m #.6	178.65
#Includes Remove Upper & Lower Column Covers			
24 Switch Assy, Lighting			
1993	35255-SR2-A01	m #.6	101.33
1994-95	35255-SR2-A02	m #.6	108.38
1996	35255-SR2-G02	m #.6	100.52
25 Switch Assy, Wiper	93-95 35256-SR2-A21	m #.6	74.47
	96 35256-SR2-G21	m #.6	66.53
26 Body, Switch	35251-SR3-A81	m #.6	32.53
#Included w/Combination Switch Assy			
#Includes Remove Upper & Lower Column Covers			
27 Cam, Turn Signal Switch	53271-SR3-000	m	5.82
28 Pivot, Strg Column	53363-SR2-A02	m	28.80
29 Holder, Strg Column	53216-SR3-000	m	3.37
30 Joint, Steering			
S, Si Model	53323-SM4-013	m .8	82.32
VTEC Model	53323-SM4-003	m .8	81.46
31 Cover, Steering Joint	53320-SR3-A81	m .2	16.64
32 Label, Caution	93 77873-SG0-A81	m	2.64
	94-96 77873-SP0-A80	m	3.10
#Included w/Steering Joint Cover			

ENGINE

Use Procedure Explanation 12 with the following text.

R&I Engine Assy	m 7.3
Add to R&I Engine Assy	
w/ A/C	m .5

Pulley, Crankshaft			
Man Trans			
S Model	93-95 13811-P00-T00	m #.4	75.45
	96 13810-P2K-003	m #.4	57.93
Si Model	93-95 13810-P2B-003	m #.4	169.62
	96 13810-P2K-003	m #.4	57.93
VTEC Model	94-95 13810-P30-003	m #.4	182.45
	96 13810-P2T-003	m #.4	169.37
Auto Trans	93-95 13811-P00-U00	m #.4	108.08
	96 13811-P2K-003	m #.4	N.A.

#w/Pwr Strg Add .2, w/ A/C Add .1			
Cover, Timing Belt Upper			
S Model	93 11821-P01-010	m #.6	22.80
	94-95 11821-P01-010	m #.6	22.80
	96 11821-P2E-000	m #.6	11.47
Si Model	93-95 11821-P2B-A00	m #.6	19.69
	96 11821-P2E-000	m #.6	11.47
VTEC Model	11820-PR3-010	m #.6	18.44

#Includes R&R Valve Cover & Gasket, Included in R&R			
Lower Timing Belt Cover			
Cover, Timing Belt Lower			
S Model	93 11811-P01-000	m #1.8	34.38
	94-95 11811-P01-010	m #1.8	39.82
	96 11811-P2A-000	m #1.8	14.84
Si Model	93-95 11811-P08-000	m #1.8	34.38
	96 11811-P2A-000	m #1.8	14.84
VTEC Model	94-95 11810-PR3-010	m #1.8	34.51
	96 11810-P72-A00	m #1.8	38.98

#Includes R&R Upper Cover			
Cover, Timing Belt Rear			
S Model	93-95 11840-P01-020	m #2.2	18.35
	96 11840-P08-010	m #2.2	18.15
Si Model	93-95 11840-P01-010	m #2.2	18.15
VTEC Model	11840-PR3-010	m #2.2	21.29

#R&R Complete, w/ A/C Add .4, Includes R&R Upper & Lower Timing Belt Cover

Seal, Timing Cover Rear			
S Model	93-95 R 11832-P01-000	m #	6.15
	L 11833-P01-000	m #	4.85
	96 R 11832-P28-A00	m #	6.15
	L 11833-P08-000	m #	4.85
Si Model	R 11832-P28-A00	m #	6.15
	L 11833-P08-000	m #	4.85

Seal, Timing Cover Lower			
S Model	93-95 11831-P01-010	m #	24.60
	96 11831-P2A-000	m #	6.00
Si Model	93-95 11831-P08-000	m #	22.11
	96 11831-P2A-000	m #	6.00
VTEC Model	94-95 11831-PR3-000	m #	18.65
	96 11831-P72-A00	m #	22.95

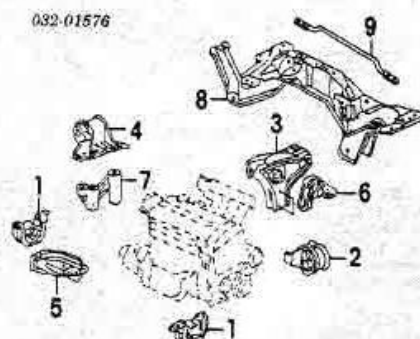
#Included in R&R Cover			
Belt, Timing			
S Model	93-95 14400-PM3-004	m #2.0	34.16
	96 14211-P2E-003	m #2.0	10.80
Si Model	93-95 14400-P2B-004	m #2.0	35.88
	96 14400-P2E-004	m #2.0	34.16
VTEC Model	14400-PR3-004	m #2.0	64.07

#w/Air Cond Add .4, Includes R&R Upper Timing Belt Cover & Adjust Valves

Pan, Oil			
S, Si Model	93-95 11200-P08-020	m #1.6	145.93
	96 11200-P2E-000	m #1.6	50.00
VTEC Model	11200-P30-010	m #1.6	147.73
Gasket, Oil Pan			
S, Si Model	93-95 11251-P01-004	m #1.6	11.58
	96 11251-P2A-014	m #1.6	25.52
VTEC Model	11251-P30-004	m #1.6	11.58

#R&R Complete

ENGINE/TRANS MOUNTS



1 Mount, Eng Front			
Man Trans			
S, Si Model	R 50841-SR3-030	m #.7	41.26
	L 50842-SR3-030	m #.7	41.26
VTEC Model	R 50841-SR3-N10	m #.7	43.22
	L 50842-SR3-N10	m #.7	43.22
Auto Trans	R 50841-SR3-984	m #.7	41.26
	L 50842-SR3-984	m #.7	41.44

2 Mount, Eng Side			
S Model	To PS003626		
From PS003627	50821-SR3-020	m #.7	67.36
Si Model	50820-SR3-J11	m #.7	157.78

1993	To PS001139		
From PS001140	50821-SR3-020	m #.7	67.36
1994-96	50820-SR3-J11	m #.7	157.78
VTEC Model	50820-SR3-003	m #.7	175.80
	50820-SR3-003	m #.7	175.80

3 Mount, Eng Rear			
S, Si Model	50827-SR3-010	m #.7	56.58
VTEC Model	50827-SR3-N12	m #.7	60.86

4 Mount, Trans			
Man Trans	93 50805-SR3-900	m #.7	71.74
	94-96 50803-SR3-A01	m #.7	131.74
Auto Trans	93 50805-SR3-981	m #.7	71.74
	94-96 50803-SR3-A81	m #.7	131.74

#w/ A/C Add .3			
5 Brkt, Eng Mount Front			
Man Trans			
S, Si Model	93-95 50843-SR3-010	m #.2	60.56
	96 50843-S04-000	m #.2	32.80
VTEC Model	94-95 50843-SR3-N11	m #.2	62.12
	96 50843-S04-N10	m #.2	61.80
Auto Trans	93-95 50843-SR3-981	m #.2	52.48
	96 50843-S04-980	m #.2	40.18

6 Brkt, Eng Mount Rear			
Man Trans	50810-SR3-030	m #.2	71.74
Auto Trans	50810-SR3-983	m #.2	71.74
7 Brkt, Trans Mount	50825-SR3-980	m #.2	42.38

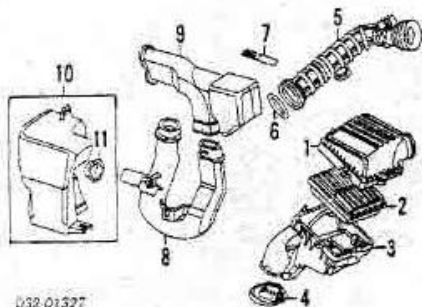
#w/Mount Removed			
8 Crossmember, Trans			
S Model			
Man Trans	93 50200-SR3-A00	m #7.0	481.80
	94-96 50200-SR3-H00	m #7.0	484.88
Auto Trans	50200-SR3-H50	m #7.0	490.01
Si Model	50200-SR3-H50	m #7.0	490.01
VTEC Model	50200-SR3-H50	m #7.0	490.01

#Includes R&I Steering Gear Assy, Front Exhaust Pipe, Lower Control Arms & Stabilizer Bar, Not Included in O/H Suspension			
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9 Rod, Crossmember			
1993-Not Serviced			
1994	50205-SR3-N11	#	66.38
1995-96	50205-SR3-N11	#	66.38
#Included in R&R Trans Crossmember			

AIR CLEANER

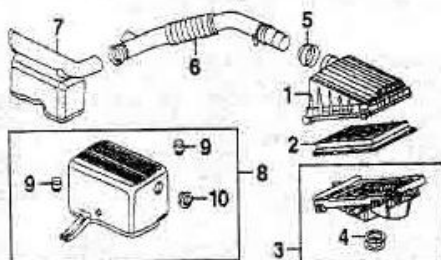
S MODEL-1993-95 SI MODEL-1993-96 VTEC MODEL-1994-96



032-01327

1 Cover, Air Cleaner			
S, Si Model			
VTEC Model	94-95	17210-P07-000	#.3 64.67
	96	17210-P30-000	#.3 66.93
2 Element, Cleaner			
#R&R Complete			
3 Case, Air Cleaner			
S Model	93	17240-P07-000	.4 90.62
	94-95	17240-P28-000	.4 75.98
Si Model	93	17240-P07-000	.4 90.62
	94-96	17240-P28-000	.4 75.98
VTEC Model	94-95	17241-P07-010	.4 63.35
	96	17240-P28-000	.4 75.98
4 Rubber, Intake Seal			
5 Tube, Air Flow			
S Model		17228-P06-A00	.2 45.14
Si Model	93-95	17228-P06-A00	.2 45.14
	96	17228-P28-000	.2 42.10
VTEC Model	94-95	17228-P30-010	.2 58.26
	96	17228-P30-A00	.2 50.30
6 Spring, Tube			
7 Plate, Caution			
S, Si Model	93	17273-PM5-A00	2.80
	94-96	17273-P07-A01	2.98
VTEC Model		17273-P30-A00	2.98
8 Number 1			
S, Si Model		17243-P04-G00	#.2 41.90
VTEC Model		17243-P30-000	#.2 45.12
9 Number 2			
S, Si Model		17248-P04-G00	#.2 26.32
VTEC Model		17248-P30-000	#.2 36.68
#R&R Both .3			
10 Chamber, Resonator			
11 Seal, Resonator			
S, Si Model		17230-P04-G00	.2 64.24
VTEC Model		17232-P04-G00	4.92
#Included w/Resonator Chamber			

S MODEL-1996



032-01826

1 Cover, Air Cleaner			
2 Element, Cleaner			
#R&R Complete			
3 Case, Air Cleaner			
4 Joint, Rubber			
#Included w/Air Cleaner Case			
5 Rubber, Intake Seal			
6 Tube, Air Flow			
7 Tube, Air Intake			
8 Chamber, Resonator			
9 Seal, Resonator Rubber (2)			
10 Rubber, Cleaner Mtg			
#Included w/Resonator Chamber			

EXHAUST

Manifold, Exhaust			
S Model			
1993-95		18100-PM6-H00 m	#.8 194.78
1996			
w/Calif Emissions			
Man Trans		18160-P2E-L00 m	#.8 315.00
Auto Trans		18160-P2E-L50 m	#.8 315.00
w/o Calif Emissions			
Man Trans		18160-P2E-A00 m	#.8 315.00
Auto Trans		18160-P2E-A50 m	#.8 315.00
Si Model	93-95	18100-P08-000 m	#.8 210.28
	96	18100-P2J-000 m	#.8 248.00
VTEC Model		18100-P30-000 m	#.8 311.57
#Includes Catalytic Converter			
Gasket, Manifold			
S, Si Model			
1993-95		18115-P00-004 m	#.8 18.43
1996			
Ishino		18115-P2A-004 m	#.8 17.22
Nippon		18115-P2A-003 m	#.8 10.53
VTEC Model	94-95	18115-P30-003 m	#.8 19.45
	96	18115-P72-003 m	#.8 9.87
#R&R Complete			
Pipe, Exhaust Front			
S Model			
1993			
Man Trans		18210-SR3-A21	#.8 213.40
Auto Trans			
To PS001175		18210-SR3-A21	#.8 213.40
From PS001176		18210-SR3-A21	#.8 213.40
1994-95		18210-SR3-A21	#.8 213.40
1996		18210-S04-SR1	#.8 N.A.
Si Model	93-95	18210-SR3-A72	#.8 357.83
	96	18210-SR2-A42	#.8 370.43
VTEC Model	94-95	18210-SR3-X93	#.8 456.68
	96	18210-SR2-A91	#.8 370.43
Converter, Catalytic			
S Model			
1993-95		18160-P28-A20	#.8 719.05
1996-Serviced w/Exhaust Manifold			
Si Model			
Man Trans	93	18160-P28-A20	#.8 719.05
	94-95	18160-P28-A30	#.8 719.05
	96	18160-P2R-A00	#.8 265.00
Auto Trans	93	18160-P28-A20	#.8 719.05
	94-95	18160-P28-A40	#.8 719.05
	96	18160-P2R-A50	#.8 265.00
VTEC Model	94-95	18160-P30-A02	#.8 719.05
	96	18160-P30-A10	#.8 733.20
Pipe, Exhaust Rear			
S Model	93-94	18220-SR2-A22	#.7 166.58
	95	18220-SR2-A23	#.7 166.58
	96	18220-SR2-305	#.7 166.58
Si Model	93-94	18220-SR2-307	#.7 166.58
	95	18220-SR2-A73	#.7 166.58
	96	18220-SR2-C41	#.7 166.58
VTEC Model	94	18220-SR2-X92	#.7 166.58
	95	18220-SR2-X93	#.7 166.58
	96	18220-SR2-C91	#.7 166.58
#R&R Complete 1.5			
Muffler w/Pipe			
S Model	93-95	18307-SR2-A22	.7 241.66
	96	18030-SR2-C00	.7 216.00
Si Model	93-95	18030-SR3-A70	.7 227.50
	96	18030-SR2-C70	.7 216.00
VTEC Model	94-95	18030-SR3-A70	.7 227.50
	96	18030-SR2-C90	.7 246.12
Finisher, Pipe			
S Model-Not Serviced			
Si Model		18310-SR3-J41	41.53
VTEC Model		18310-SR3-X91	57.82

EMISSION SYSTEM

Canister, Vapor	93-94	17300-SR3-A31 m	.3 147.45
	95	17300-SR3-A32 m	.3 162.52
	96	17300-S04-G31 m	.3 154.87
Bracket, Canister	93-94	17358-SR3-931 m	9.06
	95-96	17358-ST0-000 m	10.34
Valve, Solenoid			
1993-95		36162-PT3-Q01 m	.5 112.88
1996			
S Model		36162-P2E-A01 m	.5 119.83
Si, VTEC Model		36162-P2M-A01 m	.5 119.83
Valve, Elec Air Control			
S Model		36450-P08-004 m	.6 191.53
Si Model	93-95	36450-P28-A01 m	.6 191.53
	96	36450-P2J-J01 m	.6 155.70
VTEC Model	94-95	36450-P30-000 m	.6 201.58
	96	36450-P2J-J01 m	.6 155.70
Sensor, MAP	93-95	37830-P05-A01 m	.7 206.95
	96	37830-P0G-000 m	.7 N.A.

ELECTRICAL

ALTERNATOR

Alternator Assy			
S, Si Model	93-95	31100-P08-024RM m	1.3 247.71
	96	31100-P2E-A01RM m	1.3 247.71
VTEC Model	94-95	31100-P30-033RM m	1.3 207.88
	96	31100-P2T-003RM m	1.3 345.00
#Part #'s w/RM Suffix are Remanufactured Parts. Contact Dealer for Core Charge & Exchange Information			
Pulley, Alternator			
S Model	93-95	31141-P01-004 m	.5 36.78
	96	31141-P2E-A01 m	.5 22.65

Si Model	93-95	31141-PR3-003 m	.5 35.62
	96	31141-P2E-A08 m	.5 22.65
VTEC Model		31141-PV1-A01 m	.5 44.62
#Included w/Alternator Assy			
Bracket, Alternator			
S, Si Model		31112-P01-000 m	36.93
VTEC Model		31112-PR3-003 m	36.50
Stay, Alternator			
S, Si Model		31113-P08-000 m	9.45
VTEC Model	94-95	31113-PR3-000 m	32.80
	96	31113-P2T-000 m	28.25
Belt, Alternator		31110-P2J-004	#.5 8.22
#Order by Application			
#w/ A/C Add .1, w/Pwr Strg Add .2			

BATTERY

Battery			
Cable, Battery Positive		31500-SR1-A02	.4 69.70
S Model	93-95	32410-SR3-A21	#.5 31.69
	96	32410-SR2-A02	#.5 50.45
Si Model		32410-SR3-A02	#.5 40.24
VTEC Model	94	32410-SR3-A02	#.5 40.24
	95	32410-SR3-A42	#.5 60.22
	96	32410-SR2-A30	#.5 57.47
#Order by Application			
Cable, Battery Negative	93-95	32600-SR3-A01	#.4 16.41
	96	32600-S04-A02	#.4 20.00
#R&R Both .7			

HORN

Horn Assy			
High Note		38150-SR3-003	#.2 47.02
Low Note		38100-SR3-901	#.2 40.77
#w/Bumper Removed			

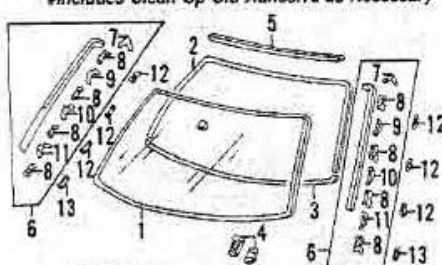
IGNITION/FUEL

Distributor Assy			
S Model	93-95	30100-P06-A02 m	.7 484.07
	96	30100-P2E-A01 m	.7 484.07
Si Model	93-95	30100-P08-006 m	.7 484.07
	96	30100-P2E-A01 m	.7 484.07
VTEC Model		30100-P30-006 m	.7 561.63
Cap, Distributor			
1993-94			
S, Si Model		30102-PT2-026 m	.3 19.92
VTEC Model		30102-PT2-026 m	.3 19.92
1995-96		30102-P54-006 m	.3 19.92
#Included w/Distributor Assy			
Igniter Unit		06302-PT3-000 m	.5 79.50
Coil, Ignition		30510-PT2-006 m	.5 80.28
Module, Engine Control		37820-P28-A01RM m	.7 636.57
#Order by Application			

WINDSHIELD

Use Procedure Explanation 13 with the following text.

R&I Windshield #2.9
#Includes Clean Up Old Adhesive as Necessary



1 Glass, Windshield			
Honda			
Clear		73111-SR2-A10	#2.5 323.68
Tinted		73111-SR2-A00	#2.5 357.80
Green		73111-SR2-A01	#2.5 352.52
NAGS			
Clear		FW00731CLN	#2.5 697.70
Blue		N.A.	#2.5 N.A.
Green		FW00731GTN	#2.5 697.70
Green/Blue Shade		FW00731GBN	#2.5 1337.25
#Includes Clean Up Old Adhesive as Necessary			
2 Dam, Windshield Upper		73125-SR2-000	9.48
3 Dam, Windshield Lower		73126-SR2-000	11.74
4 Holder, Windshield (2)		73127-SR3-003	5.20
5 Midg, Upper Reveal		73151-SR2-013	.5 18.64
6 Midg Assy, Side	R	73152-SR2-003	.3 63.48
	L	73152-SR2-003	.3 63.48
Clip, Side Moulding			
7 Number 1		91541-SR2-003	2.06
8 Number 2 (4/Side)		91520-SR3-003	2.08
9 Number 3		91518-SR2-003	2.06
10 Number 4		91519-SR2-003	2.06
11 Number 5		91521-SR2-003	2.06
12 Number 6 (3/Side)		91511-SR3-003	1.66
13 Number 7		91511-SR2-004	2.06
#Included w/Side Moulding Assy			
Garnish, W/S Pillar	R	84101-SR2-A00ZA	.3 17.33
	L	84151-SR2-A00ZA	.3 17.33
Mirror, Rear View			
Donnelly		76400-SR0-A02ZA	.2 72.83
Matsuyama		76400-SR3-003ZA	.2 72.83

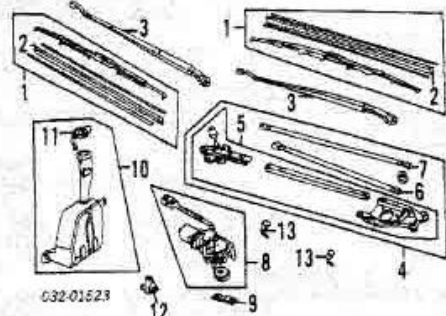
HONDA CIVIC DEL SOL 1993-96

WINDSHIELD Cont'd

Visor Assy, Sunf	93 R	83240-SR2-A00ZA	.2	308.40
	L	83290-SR2-A00ZA	.2	308.40
	94-96 R	83240-SR2-A02ZA	.2	544.73
	L	83290-SR2-A02ZB	.2	646.06

Order by Application

WIPER SYSTEM



1 Blade Assy, Wiper	R	76630-SH2-G02	.1	15.99
	L	76620-SR3-A01	.1	15.99
2 Insert, Bladef	R	38472-SB3-305	.1	5.75
	L	76622-SM4-G01	.1	5.10

Included w/Wiper Blade Assy

3 Arm, Wiper	R	76610-SR2-A01	#.2	36.60
	L	76600-SR2-A01	#.2	36.60

#Includes R&R Wiper Blade & Insert

4 Link Assy, Wiper	R	76530-SR2-A01	.7	114.89
5 Link, Wiper-Serviced w/Wiper Link Assy				

6 Rod, Link Number 1f	R	76540-SR3-003		16.13
7 Rod, Link Number 2f	R	76550-SL5-A01		17.49

Cap, Pivotf	R	76561-SD4-003		7.16
	L			

Included w/Wiper Link Assy

8 Motor, Wiper	R	76505-SR1-A05	.8	217.55
9 Link, Motor	R	76520-SR3-A01	.7	11.40

10 Tank Assy, Fluid	R	76801-SR0-A02	#.3	35.75
11 Cap, Tankf	R	38513-SB0-961		4.78

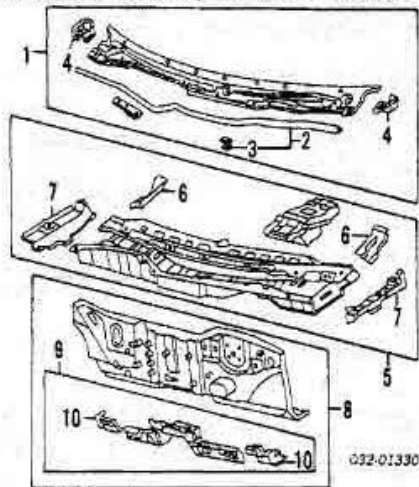
Included w/Fluid Tank Assy

12 Motor, Washer	R	38512-SB0-922	#.3	52.80
13 Nozzle, Spray	R	76810-SR0-004	.2	9.15
	L	76815-SR0-004	.2	9.15

COWL & DASH

Use Procedure Explanations 14 and 28 with the following text.

Refinish Dash Panel Assy	1.5
Refinish Plenum Panel Assy	1.0



1 Grille Assy, Cowl Top	R	61210-SR2-A00	.3	124.51
2 Seal, Hood Rearf	R	74143-SR2-000	.2	39.18
3 Clip, Sealf (a) (16)	R	91515-SR3-000		1.66
	L			
4 Cover, Hood Hingef	R	74213-SR2-300		8.72
	L	74214-SR2-300		8.72

Included w/Cowl Top Grille Assy

5 Panel Assy, Plenum	93	61100-SR2-A00Z	#7.5	456.28
	94-95	61100-SR2-A01Z	#7.5	470.60
	96	61100-SR2-A02Z	#7.5	420.20

#Deduct 3.5, w/Lower Dash Panel Assy Removed

6 Ext, Plenum Panelf	R	61178-SR2-300Z		22.50
	L	61179-SR2-300Z		22.50
7 Frame, Upperf	R	61120-SR2-A00Z		42.18
	L	61130-SR2-A00Z		60.72

Included w/Plenum Panel Assy

8 Panel Assy, Dash	93	61500-SR2-A00Z		411.84
	94	61500-SR2-A01Z		411.84
	95	61500-SR2-A02Z		575.06
	96	61500-SR2-A03Z		512.52

9 XMBR, Dash Panelf	93	61550-SR2-A00Z		155.56
	94-96	61550-SR2-A01Z		155.56

10 Gusset, Crossmemberf (a)	R	04613-SR2-300Z		29.50
	L	04618-SR2-300Z		29.50

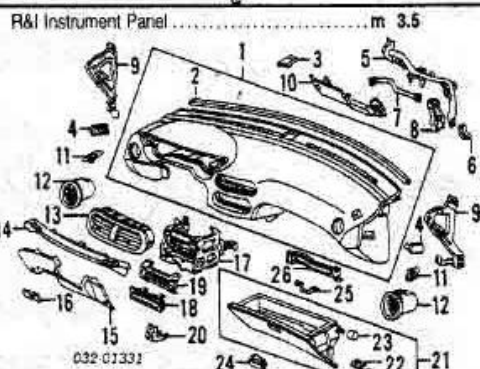
Included w/Dash Panel Assy
(a) Included w/Dash Panel Crossmember

INSTRUMENT PANEL

Use Procedure Explanation 14 with the following text.

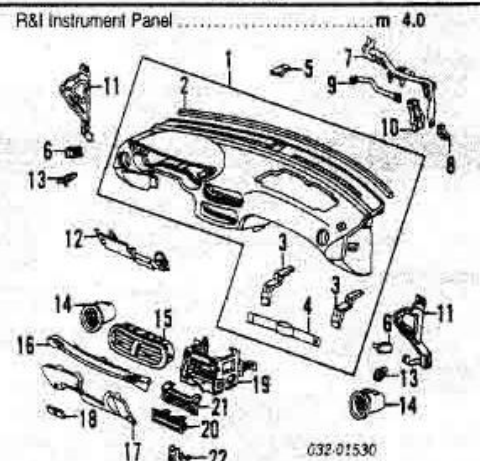
NOTE: All Parts in this section are included in R&R Instrument Panel Assy unless noted otherwise.

1993



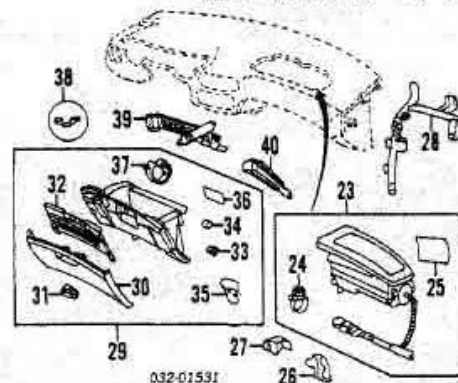
1 Panel, Instrument	77100-SR2-G10ZA	4.5	494.75
2 Seal, Instrumentf	77466-SR3-000		12.94
Included w/Instrument Panel			
3 Lid, Instrument Center	77110-SR2-000ZA		5.95
4 Lid, Instrument Side	77120-SR3-000ZB		7.96
5 Beam, Strg Hanger	61170-SR2-A00Z		80.37
6 Bracket, Strg Beam-Not Serviced	61182-SR2-A00		40.48
7 Beam, Support	77299-SR2-A00		10.82
8 Cover, Strg Beam	77140-SR2-A00		20.16
9 Brkt, Instrument Panel	R 77140-SR2-A00		21.02
	L 77145-SR2-A00		20.16
10 Protector, Driver Knee	77893-SR2-A00		70.28
11 Garnish, Side Defroster	R 77470-SR2-000ZA		8.80
	L 77475-SR2-000ZA		8.80
12 Vent, Side Air	77640-SR2-003ZA	.2	40.38
13 Vent, Center Air	77610-SR2-003ZA		52.60
14 Visor, Meter	77201-SR2-003ZA		37.30
15 Cover, Lower	77301-SR2-A00ZA		24.28
16 Lid, Fuse	77222-SR2-000		12.98
17 Frame, Center	77160-SR2-A00		52.60
18 Panel, Radio Outer	77230-SM4-G00		17.62
19 Panel, Radio Inner	77233-SR2-000		11.82
20 Bracket, Radio Panel	77180-SR2-000		8.14
Radio	39100-SR2-A00	.6	1485.94
21 Glove Box Assy	77501-SR2-A00ZA	.3	87.72
22 Hinge, Glove Boxf	66405-SD4-000		2.90
23 Stopper, Glove Boxf	66417-SB3-670		3.09
Included w/Glove Box Assy			
24 Lock, Glove Box	77520-SR2-003ZA	.2	8.95
25 Striker, Glove Box	77542-SR3-000		4.85
26 Frame, Glove Box	77551-SR2-A00		19.38

1994-96

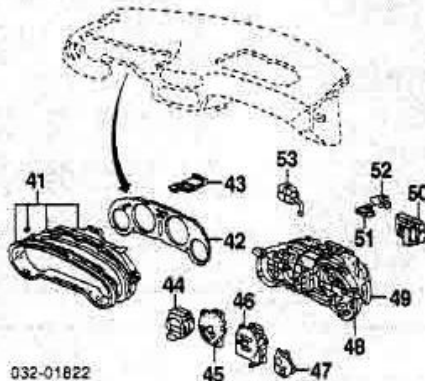


1 Panel, Instrument	94-95	77100-SR2-A81ZA	m 5.0	492.33
	96	77100-SR2-A81ZA	m 5.0	492.33
2 Seal, Instrument		77466-SR3-000		12.94
3 Frame, Air Bag Module		77107-SR2-A80		11.03
4 Reinf, Air Bag Module		77108-SR2-A80		17.66
Included w/instrument Panel				
5 Lid, Instrument Center		77110-SR2-000ZA		5.95
6 Lid, Instrument Side		77120-SR3-000ZB		7.96
7 Beam, Strg Hanger		61170-SR2-A00ZZ		80.37
8 Bracket, Strg Beam-Not Serviced				
9 Beam, Support		61182-SR2-A00		40.48
10 Cover, Strg Beam		77299-SR2-A00		10.82
11 Brkt, Instrument Panel	R	77140-SR2-A00		21.02
		L 77145-SR2-A00		20.16
12 Protector, Driver Knee	R	77470-SR2-000ZA	.2	70.28
13 Garnish, Side Defroster	R	77475-SR2-000ZA		8.80
	L	77475-SR2-000ZA		8.80

14 Vent, Side Air	77640-SR2-003ZA	.2	40.38
15 Vent, Center	77610-SR2-003ZA		52.60
16 Visor, Meter	77201-SR2-003ZA		37.30
17 Cover, Lower	77301-SR2-A01ZA	.2	25.08
18 Lid, Fuse	77222-SR2-000		12.98
19 Frame, Center	77160-SR2-A00		52.60
20 Panel, Radio Outer	77230-SM4-G00		17.62
21 Panel, Radio Inner	77233-SR2-000		11.82
22 Bracket, Radio Panel	77180-SR2-000		8.14
Radio Assy	94 39100-SR2-A00	.6	1485.94
	95-96 39100-SR3-A02	.6	1365.00



23 Module, Air Bag-See Air Bag System Section			
24 Clamp, Harness-See Air Bag System Section			
25 Label, Caution-See Air Bag System Section			
26 Brkt, Outer Support	77869-SR2-A80		8.05
27 Brkt, Inner Support	77868-SR2-A80		8.05
28 Beam, Air Bag Module			
	1994-95 61180-SR2-A00		144.36
	1996 61180-SR2-A01ZZ		127.28
29 Glove Box Assy	77500-SR2-A80ZA	.3	172.42
30 Lid, Glove Boxf	77501-SR2-A80ZA		30.11
31 Lock, Glove Boxf	77520-SH5-A00ZA	.2	21.79
32 Pad, Passenger Knee	77503-SR2-A80ZZ		33.65
33 Hinge, Glove Boxf	77512-SR8-A90		3.60
34 Stopper, Glove Boxf	77518-SR8-A90		3.38
35 Plate, Retainerf	77505-SR8-A90		3.66
36 Label, SRS Consolef	77874-SP0-A71		4.08
37 Absorber, Knee Padf	77515-SR2-A80ZZ		15.58
Included w/Glove Box Assy			
38 Striker, Glove Box	77542-SR2-A80		4.85
39 Frame, Glove Box	77550-SR2-A80		33.64
40 Plate, Absorber	77552-SR2-A80		15.42



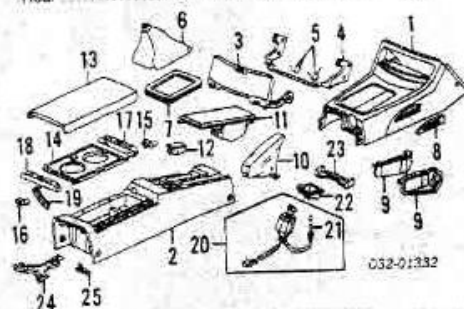
41 Visor, Meter	78155-SR2-A02	m #1.0	72.90
42 Plate, Dialf			
Man Trans	78171-SR2-A22	m #	38.29
Auto Trans	78171-SR2-A33	m #	26.05
Order by Application			
43 Bracket, Case	78136-SR2-902		3.94
44 Clock Assy	38700-SR2-A82	m #1.1	167.88
45 Tachometerf	78125-SR2-A02	m #1.1	274.45
Order by Application			
46 Speedometer			
S Model	78115-SR2-A02	m #1.1	234.88
SI Model	78115-SR2-A22	m #1.1	234.88
VTEC Model	78115-SR2-A72	m #1.1	234.88
47 Meter, Fuel	94 78130-SR2-A02	m #1.1	83.32
	95 78130-SR2-902	m #1.1	86.92
	96 78130-SR2-903	m #1.1	78.58
#Not Included in R&R Instrument Panel			
48 Case, Meterf	78235-SR2-J62	m #1.6	84.02
#Includes R&R Meter Visor, Dial Plate, Clock Assy, Tachometer, Speedometer, Fuel Meter & Print Panel, Not Included in R&R Instrument Panel			
49 Panel, Printf	78108-SR2-A92	m #1.0	34.35
Order by Application			
50 Indicator, Auto Trans	78230-SR2-A12	m #	119.27
51 Indicator, SRS	78190-SR2-962	m #	95.69
52 Cover, Indicator	78116-SR2-962	m #	9.60
53 Controller, Illumination	35150-SR2-A02	m #	67.83
#Not Included in R&R Instrument Panel			

CENTER CONSOLE

Use Procedure Explanation 14 with the following text.

R&I Center Console

Front 4
Rear 3



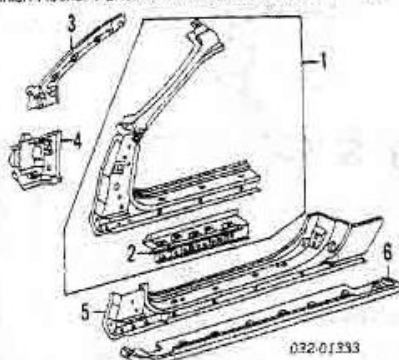
1 Console, Floor Front	77291-SR2-A00ZA	.4	61.47
2 Console, Floor Rear	83441-SR2-A00ZA	.3	105.32
3 Lid, Front Console	77293-SR2-000ZA		19.73
4 Bracket, Lid Support	77294-SR2-000		6.87
5 Spring, Bracket	R 77295-SR2-000		1.75
	L 77295-SR2-A00		1.75
6 Boot, Change Lever	83410-SR2-000		18.08
7 Plate, Boot	77292-SR2-000		15.75
8 Defroster	93-94 R 77297-SR2-A00ZA		7.08
	L 77298-SR2-A00ZA		7.08
	95-96 R 77297-SR2-A00ZA		7.08
	L 77298-SR2-A11ZA		9.12
9 Duct	R 77302-SR2-A00		8.80
	L 77303-SR2-A00		8.80
10 Cover, Parking Brake	83449-SR2-010ZA		29.67
11 Ashtray Assy	77710-SR2-A02ZA		43.90
12 Lid, Switch Hole	83442-SM4-000ZF		4.46
13 Outer	83443-SR2-A00ZA		18.86
14 Inner	83453-SR2-010		8.80
15 Hinge, Lid Front	83457-SR2-000		3.20
16 Hinge, Lid Rear	83457-SR2-A00		3.20
17 Cover, Console Lid Front	83455-SR2-000		4.33
18 Cover, Console Lid Rear	83454-SR2-000		5.34
19 Arm, Rear Console	83444-SR2-000		6.18
20 Lighter Assy, Cigarette	39600-SR3-003		37.55
21 Bulb	35506-SA5-003		2.01
*Included w/Cigarette Lighter Assy			
22 Protector, Lighter	77721-SR2-000		5.70
23 Brkt, Console Front	83446-SR2-000		6.10
24 Brkt, Console Rear	83447-SR2-000		8.80
25 Spring, Console Lid (2)	83445-SR2-000		3.45

ROCKER/PILLARS/FLOOR

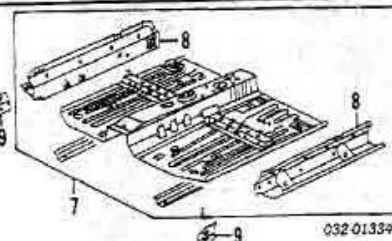
Use Procedure Explanations 14, 15 and 28 with the following text.

SHEET METAL/EXTERIOR TRIM

Refinish Side Panel Assy	2.0
Refinish Rocker Panel Outside	1.4

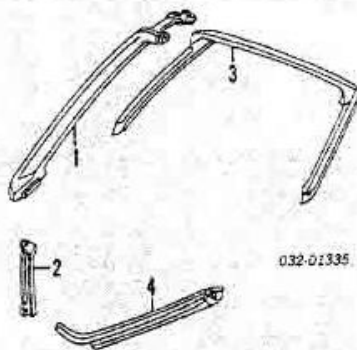


1 Panel Assy, Side	93-95 R 04635-SR2-A00ZZ s	12.0	383.21
	L 04645-SR2-A00ZZ s	12.0	383.21
	96 R 04635-SR2-A01ZZ s	12.0	329.67
	L 04645-SR2-A01ZZ s	12.0	329.67
2 Stiffener, Rocker Panel-Serviced w/Side Panel Assy			
3 Upper	R 64121-SR2-300ZZ s	1.0	77.80
	L 64521-SR2-300ZZ s	1.0	77.80
4 Lower	R 64130-SR2-A00ZZ s	1.0	77.80
	L 64530-SR2-A00ZZ s	1.0	77.80
5 Panel, Outer Rocker	R 04631-SR2-300ZZ s	#8.5	137.10
	L 04641-SR2-Y00ZZ s	#8.5	137.10
*w/Quarter Panel Removed Deduct 1.3			
6 Moulding, Rocker Panel	R 71800-SR2-003	.4	110.00
	L 71850-SR2-003	.4	110.00



7 Floor Assy, Front			
Man Trans	93-94 65100-SR2-A00ZZ s	#15.0	605.00
	95 65100-SR2-A01ZZ s	#15.0	605.00
	96 65100-SR2-A02ZZ s	#15.0	815.08
Auto Trans	93-94 65100-SR2-A10ZZ s	#15.0	605.00
	95 65100-SR2-A11ZZ s	#15.0	605.00
	96 65100-SR2-A12ZZ s	#15.0	815.08
*w/Each Outer Rocker Panel Removed Deduct 2.0,			
w/Lower Dash Panel Removed Deduct 3.0			
8 Panel, Inner Rocker	R 65140-SR2-A00ZZ s	2.0	149.03
	L 65190-SR2-A00ZZ s	2.0	149.03
*Included w/Floor Assy			
9 Reinf, Inner Rocker Panel	65119-SR2-300ZZ		11.66

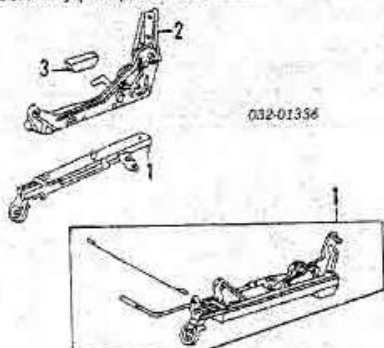
INTERIOR TRIM



1 Garnish, W/S Pillar-See Windshield Section			
2 Trim, Cowl Side	R 83112-SR2-000ZA	.2	6.18
	L 83162-SR2-000ZA	.2	6.18
3 W/Strip, Front Pillar			
	1993-94 72320-SR2-023	.6	d133.88
	1995-96 72320-SR2-033	.6	133.88
4 Plate, Scuff	R 83111-SR2-000ZA	.2	27.48
	L 83161-SR2-000ZA	.2	27.48

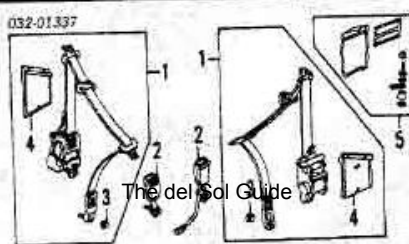
SEAT

R&I Seat Assy (Each)	.3
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1 Adjuster, Slide			
Passenger Side	R 81260-SR2-A01	#.4	57.38
	L 81270-SR2-A01	#.4	76.67
Driver Side	R 81670-SR2-A01	#.4	76.67
	L 81660-SR2-A01	#.4	57.38
*R&R Both One Side .6			
2 Adjuster, Recline	R 81230-SR3-J03	.8	133.27
	L 81630-SR3-A03	.8	133.27
3 Knob, Reclining	R 81231-SR3-003ZB	7.50	
	L 81631-SR3-003ZX	7.50	

SEAT BELTS



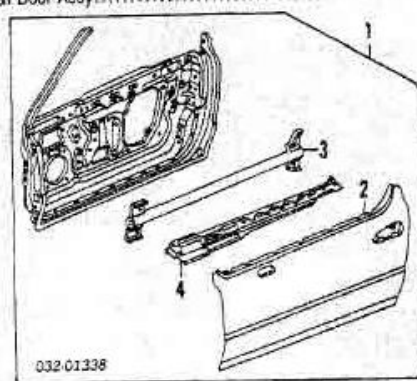
Belt, Front Seat			
1 Retractor Side			
	93-94 R 04814-SR2-A042B	1.0	166.83
	L 04818-SR2-A032B	1.0	166.83
	95 R 04814-SR2-A042B	1.0	166.83
	L 04818-SR2-A032B	1.0	166.83
	96 R 04814-SR2-A052C	1.0	137.60
	L 04818-SR2-A042C	1.0	160.88
2 Buckle Side			
USA	93-94 R 04813-SR2-C02ZA	.3	45.20
	L 04816-SR2-C02ZA	.3	59.20
	95-96 R 04813-SR2-C04ZA	.3	39.03
	L 04816-SR2-C03ZA	.3	59.20
	77863-SA5-672ZW		2.02
3 Cap, Anchor Cover	R 81490-SH3-A02	4.78	
4 Bag, Protector	L 81890-SH3-A02	4.78	
*Included w/Front Seat Belt (Retractor Side Only)			
5 Plate Assy			
Child Seat Anchor	82410-SE3-C01	9.25	

FRONT DOOR

Use Procedure Explanations 16 and 28 with the following text.

SHEET METAL

Refinish Door Outside	2.2
Add for Jamb & Interior	1.0
Add for Jamb	.5
R&I Door Assy	.6

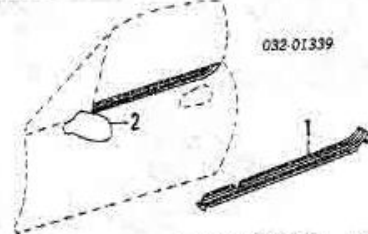


1 Shell Assy, Door	R 67010-SR2-010ZZ	#3.5	586.36
	L 67050-SR2-010ZZ	#3.5	586.36
2 Panel, Door Repair	R 67111-SR2-300ZZ	#5.5	228.85
	L 67151-SR2-300ZZ	#5.5	228.85
*Includes R&R Mirror			
3 Bar, Reinforcement	R 67231-SR2-A00ZZ	105.86	
	L 67271-SR2-A00ZZ	105.86	
4 Stiffener, Repair Panel	R 67221-SR2-300ZZ	94.76	
	L 67261-SR2-300ZZ	94.76	

*Included w/Door Shell Assy

EXTERIOR TRIM

R&I Belt Moulding	.9
*Includes R&I Trim Panel & Mirror	
R&I Outside Mirror	.3



1 Moulding, Belt	R 72410-SR2-003	#.2	91.66
	L 72450-SR2-003	#.2	91.66
*w/Trim Panel & Mirror Removed			
2 Mirror Assy, Rear View			
S Model	R 76200-SR2-A02ZB	.3	199.11
	L 76250-SR2-A02ZB	.3	199.11
Si Model	R 76200-SR2-A12ZC	.3	215.25
	L 76250-SR2-A12ZC	.3	215.25
VTEC Model	R 76200-SR2-A12ZE	.3	215.25
	L 76250-SR2-A12ZE	.3	215.25

*Black listed, Order by Application			
Glass, Mirror	R 76203-SR2-A02	.3	22.00
	L 76253-SR2-A02	.3	22.00

*Included w/Rear View Mirror Assy

INTERIOR TRIM

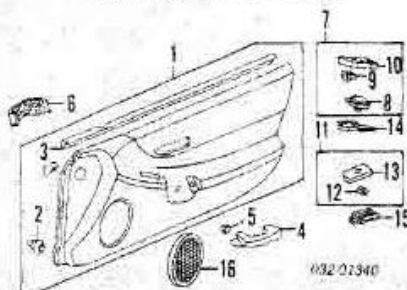
R&I Trim Panel	.4
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NOTE: All Parts in this section are included in R&R Trim Panel unless noted otherwise.

HONDA CIVIC DEL SOL 1993-96

FRONT DOOR Cont'd

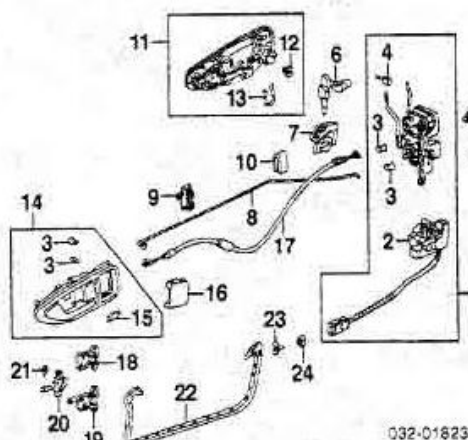
INTERIOR TRIM Cont'd



1 Panel Assy, Trim 1993-94	R 83533-SR2-000ZA	.5	234.02
	L 83583-SR2-000ZA	.5	234.02
1995 S Model	R 83533-SR2-000ZA	.5	234.02
	L 83583-SR2-000ZA	.5	234.02
Si, VTEC Model	R 83533-SR2-000ZA	.5	234.02
	L 83583-SR2-A10ZA	.5	234.02
1996 S Model	R 83533-SR2-0102B	.5	235.38
	L 83583-SR2-0102B	.5	235.38
Si, VTEC Model	R 83533-SR2-0102B	.5	235.38
	L 83583-SR2-A112B	.5	235.38
2 Clip, Trim Panel† (7/Side)	91560-SP0-003		1.88
3 W/Strip, Inner†	R 72335-SR2-003	.5	26.88
	L 72375-SR2-003	.5	26.88
†Included w/Trim Panel Assy			
4 Handle, Pull	R 83541-SR2-000ZA	.1	21.02
	L 83591-SR2-000ZA	.1	21.02
5 Cap, Pull Handle	R 83508-SR2-000	.1	11.43
6 Bracket, Pull Handle	L 83558-SR2-000	.1	11.43
†w/Trim Panel Removed, Not Included in R&R Trim Panel			
7 Switch Assy, Master			
S Model	35750-SR2-A01		215.10
Si, VTEC Model	35750-SR2-S01		281.40
8 Switch, Pwr Window†	35752-SR2-A01		193.60
9 Switch, Remote Mirror†			
Si Model	35753-SR2-003		63.38
10 Panel, Switch†			
S Model	35751-SR2-A01		18.17
Si, VTEC Model	35751-SR2-G01		13.62
†Included w/Master Switch Assy			
11 Sub Assy, Switch	35760-SR2-A01		66.68
12 Switch, Pwr Window†	35762-SR2-003		55.92
13 Panel, Switch†	35761-SR2-A01		18.17
†Included w/Switch Sub Assy			
14 Brkt, Master Switch	35765-SR2-000		11.84
15 Brkt, Sub Switch	35755-SR2-000		11.84
Speaker, Radio			
S, Si Model	R 39120-SR4-001	.3	N.A.
	L 39120-SM4-A12	.3	12.12
VTEC Model	39120-SR2-A11	.3	110.37
†w/Trim Panel Removed, Not Included in R&R Trim Panel			
16 Grille, Speaker	83503-SR2-010ZA	.2	17.18

HARDWARE

Refinish Outside Handle	.5
Refinish Upper Hinge	.2
Refinish Lower Hinge	.2
R&I Outside Handle	.6
†Includes R&I Trim Panel	

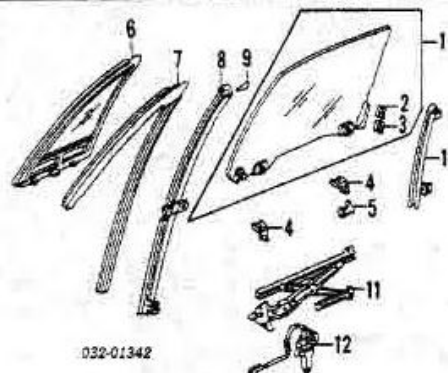


1 Latch Assy			
Manual	R 72110-SR2-A12	.3	65.85
	L 72150-SR2-A12	.3	65.85
Power	95-96 R 72110-SR2-A21	.3	195.88
	L 72150-SR2-A21	.3	195.88
†w/Trim Panel Removed			
2 Actuator†	95-96 R 72115-SR2-J11		130.78
	L 72155-SR2-A21		132.25

3 Fastener, Latch† (4/Side)	72139-SR3-003		3.80
4 Joint†	72136-SR3-003		3.08
†Included w/Latch Assy			
5 Striker, Latch	72135-SR3-003	.2	13.00
6 Cylinder, Lock	R 72145-SR3-003	.2	30.90
	L 72146-SR3-003	.2	30.90
#w/Trim Panel Removed, Included in R&R Outside Handle			
7 Protector, Cylinder	95-96 R 72130-SR3-A01		8.46
	L 72170-SR3-A01		8.46
8 Rod, Door Lock	R 72132-SR2-003		7.12
	L 72172-SR2-003		7.12
9 Holder, Rod	72175-SH3-901		2.82
10 Cushion, Rod	75513-SB2-000		2.06
11 Handle, Outside			
Blue	R 72140-SR3-J02ZA	.2	35.00
	L 72180-SR3-J02ZA	.2	35.00
Blue Green	R 72140-SR3-J02ZU	.2	35.00
	L 72180-SR3-J02ZU	.2	35.00
Cypress Green	R 72140-SR3-J02YB	.2	44.67
	L 72180-SR3-J02YB	.2	44.67
Flint Black	R 72140-SR3-J012D	.2	35.00
	L 72180-SR3-J012D	.2	35.00
Granada Black	93-94 R 72140-SR8-A002B	.2	35.00
	L 72180-SR8-A002B	.2	35.00
	95-96 R 72140-SR3-J02ZF	.2	35.00
	L 72180-SR3-J02ZF	.2	35.00
Isle Green	R 72140-SR3-J02ZC	.2	35.00
	L 72180-SR3-J02ZC	.2	35.00
Red	R 72140-SR3-J02ZJ	.2	35.00
	L 72180-SR3-J02ZJ	.2	35.00
Samba Green	R 72140-SR3-J012M	.2	35.00
	L 72180-SR3-J012M	.2	47.28
Silver	R 72140-SR3-J02ZX	.2	35.00
	L 72180-SR3-J02ZX	.2	35.00
White	93-94 R 72140-SR8-A002C	.2	35.00
	L 72180-SR8-A002C	.2	35.00
	95-96 R 72140-SR3-J02ZF	.2	35.00
	L 72180-SR3-J02ZF	.2	35.00

†w/Trim Panel Removed, Includes R&R Lock Cylinder			
12 Bushing, Outside Handle†	72134-SM1-003		1.40
13 Ring, Outside Handle†	72123-SR0-003		1.74
†Included w/Outside Handle			
14 Handle, Inside	93-95 R 72120-SR2-A02ZA		28.95
	L 72160-SR2-A02ZA		28.10
	96 R 72120-SR2-A02ZB		26.63
	L 72160-SR2-A02ZB		26.63
15 Cap, Inside Handle†	93-95 72122-SR2-003ZA		4.58
	96 72122-SR2-003ZB		4.66
†Included w/Inside Handle			
16 Cover, Inside Handle	R 72121-SR2-003ZB		5.30
	L 72161-SR2-003ZB		5.30
17 Cable, Inside Handle	93 R 72131-SR2-A01		11.56
	L 72171-SR2-A02		11.20
	94-96 R 72131-SR2-A02		11.20
	L 72171-SR2-A02		11.20
18 Hinge, Upper	R 67450-SM4-K01ZZ	.2	27.38
	L 67410-SM4-K01ZZ	.2	27.38
19 Hinge, Lower	R 67410-SM4-K01ZZ	.2	27.38
	L 67450-SM4-K01ZZ	.2	27.38
†w/Door Removed, R&R Upper & Lower .3			
20 Check, Door	72340-SR2-003		28.62
21 Pin, Door Check	75760-SB2-003		4.54
22 Weatherstrip, Door	R 72310-SR2-013	.5	67.18
	L 72350-SR2-013	.5	91.26
23 Wedge, Door	72144-SR2-010		5.80
24 Rubber, Door Wedge	72143-SR2-010		20.74

GLASS & PARTS



1 Glass, Front Door			
Honda 1993			
Clear	R 73300-SR2-003	1.0	239.41
	L 73350-SR2-003	1.0	239.41
Green	R 73300-SR2-A01	1.0	266.00
	L 73350-SR2-A01	1.0	266.00
1994-96-Green	R 73300-SR2-A03	1.0	266.00
	L 73350-SR2-A03	1.0	266.00
NAGS			
w/Attach			
Clear	FD04744-5CLN	1.0	N.A.
Blue	FD04744-5BTY	1.0	N.A.
w/o Attach			
Clear	FD04744-5CLN	1.0	N.A.
Green	FD04744-5GTN	1.0	N.A.
2 Slider, Upper†	The del Sol 72143-SR2-003		4.20
3 Slider, Lower†	91528-SR2-003		4.20
†Included w/Front Door Glass			

4 Plate, Glass Stopper			
2/Side	93-95 72245-SR2-013		12.56
	96 72245-SR2-023		10.47
5 Stopper, Door Glass			
2/Side	72332-SM4-003		3.42
6 Glass, Vent			
Honda Clear	R 73310-SR2-003	#1.3	154.94
	L 73360-SR2-003	#1.3	154.94
Green	R 73310-SR2-A01	#1.3	172.56
	L 73360-SR2-A01	#1.3	172.56

NAGS			
w/Attach			
Clear	FD04742-3CLY	#1.3	N.A.
Blue	FD04742-3BTY	#1.3	N.A.
w/o Attach			
Clear	FD04742-3CLN	#1.3	N.A.
Green	FD04742-3GTN	#1.3	N.A.
7 Channel, Run	R 72235-SR2-003	#1.3	59.04
	L 72275-SR2-003	#1.3	59.04
†R&R Complete, Includes R&R Front Door Glass			
8 Sash, Center	93-94 R 72231-SR2-003		56.09
	L 72271-SR2-003		56.09
	95-96 R 72231-SR2-013		59.27
	L 72271-SR2-013		59.27
9 Cap, Center Sash†	R 72237-SR2-003		3.76
	L 72277-SR2-003		3.76
†Included w/Center Sash			
10 Guide, Door Glass	R 72233-SR2-003		37.64
	L 72273-SR2-003		37.64
11 Regulator, Power	R 72211-SR2-013	#1.1	62.85
	L 72251-SR2-013	#1.1	63.30
12 Motor, Regulator	R 72215-SR2-013	#1.1	236.07
	L 72255-SR2-013	#1.1	236.07

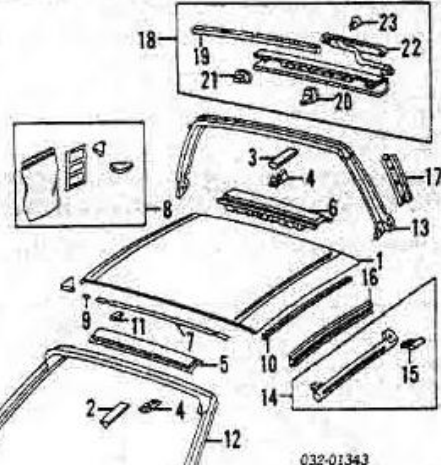
†R&R Complete, w/Trim Panel Removed, w/Glass Removed .3			
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ROOF

Use Procedure Explanations 17 and 28 with the following text.

SHEET METAL/EXTERIOR TRIM

Refinish Removable Roof Outside	2.2
Refinish Front Header Panel	1.0
Refinish Rear Header Panel	1.0



1 Panel, Removable Roof	85110-SR2-000ZZ	2.0	634.53
2 Moulding, Roof Front			
Blue	R 74306-SR2-003ZB	.2	29.98
	L 74316-SR2-003ZB	.2	29.98
Blue Green	R 74306-SR2-003ZJ	.2	31.58
	L 74316-SR2-003ZJ	.2	31.58
Cypress Green	R 74306-SR2-003ZP	.2	27.70
	L 74316-SR2-003ZP	.2	27.70
Flint Black	R 74306-SR2-003ZD	.2	29.98
	L 74316-SR2-003ZD	.2	29.98
Granada Black	R 74306-SR2-003ZH	.2	27.66
	L 74316-SR2-003ZH	.2	27.66
Isle Green	R 74306-SR2-003ZK	.2	31.32
	L 74316-SR2-003ZK	.2	31.32
Red	R 74306-SR2-003ZG	.2	29.98
	L 74316-SR2-003ZG	.2	29.98
Samba Green	R 74306-SR2-003ZC	.2	29.98
	L 74316-SR2-003ZC	.2	29.98
Silver	R 74306-SR2-003ZL	.2	27.70
	L 74316-SR2-003ZL	.2	27.70
White	R 74306-SR2-003ZE	.2	29.98
	L 74316-SR2-003ZE	.2	29.98
3 Moulding, Roof Rear			
Blue	R 74307-SR2-003ZB	.2	20.88
	L 74317-SR2-003ZB	.2	20.88
Blue Green	R 74307-SR2-003ZE	.2	20.88
	L 74317-SR2-003ZE	.2	20.88
Cypress Green	R 74307-SR2-003ZP	.2	27.70
	L 74317-SR2-003ZP	.2	27.70
Flint Black	R 74307-SR2-003ZD	.2	20.88
	L 74317-SR2-003ZD	.2	20.88
Granada Black	R 74307-SR2-003ZH	.2	27.66
	L 74317-SR2-003ZH	.2	27.66

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Isle Green	R	74307-SR2-003ZK	.2	31.58
	L	74317-SR2-003ZK	.2	31.32
Red	R	74307-SR2-003ZG	.2	20.88
	L	74317-SR2-003ZG	.2	20.88
Samba Green	R	74307-SR2-003ZC	.2	20.88
	L	74317-SR2-003ZC	.2	20.88
Silver	R	74307-SR2-003ZL	.2	27.70
	L	74317-SR2-003ZL	.2	27.70
White	R	74307-SR2-003ZE	.2	20.88
	L	74317-SR2-003ZE	.2	20.88

4 Clip, Roof Mldg (4/Side)		91502-SR2-003		2.26
5 Panel, Front Header		62120-SR2-310ZZ	#2.5	78.20

6 Panel, Rear Header		62130-SR2-300ZZ	#2.5	116.94
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7 Protector, Roof Panel (2)		85109-SR2-000		33.48
8 Protector, Roof Corner		85106-SR2-A00		14.64

9 Seal, Roof Front (4)		75826-634-300		1.30
10 Seal, Roof Side		85105-SR2-010		5.12

11 Cushion, Roof Lock		85161-SR2-000		2.26
12 W/Strip, Front Pillar				

See Rocker/Pillars/Floor Section				
13 W/Strip, Rear Pillar	R	72330-SR2-023	.6	194.72

14 W/Strip, Roof Side	R	85141-SR2-033	.3	76.06
	L	85191-SR2-033	.3	63.38

15 Stopper, Door Glass	R	82145-SR2-023		37.70
	L	82195-SR2-023		37.70

16 Retainer, Roof Side	R	85140-SR2-003		34.51
	L	85190-SR2-003		34.51

17 Retainer, Rear Pillar-See Quarter Panel Section				
18 Garnish Assy, Roof				

Blue		74403-SR2-G01ZA	.4	214.95
Blue Green		74403-SR2-G01ZG	.4	165.13

Cypress Green		74403-SR2-G01ZN	.4	170.77
Flint Black		74403-SR2-003ZD	.4	415.35

Granada Black	93-95	74403-SR2-003ZH	.4	361.41
	96	74403-SR2-013ZH	.4	387.87

Isle Green		74403-SR2-003ZK	.4	375.05
Red	93-95	74403-SR2-003ZG	.4	375.05

	96	74403-SR2-013ZG	.4	387.87
Samba Green		74403-SR2-003ZC	.4	415.35

Silver		74403-SR2-013ZL	.4	387.87
White	93-95	74403-SR2-003ZE	.4	375.05

	96	74403-SR2-013ZE	.4	387.87
19 Seal, Roof Garnish		74407-SR2-003		12.83

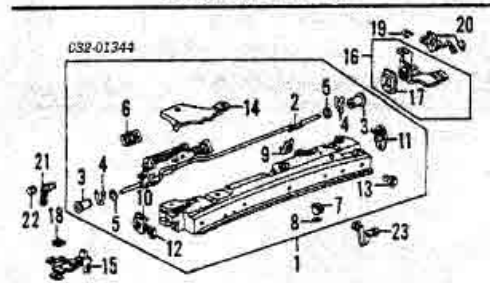
20 Clip, Garnish Center		91507-SR2-003		2.56
21 Clip, Rear Header		91508-SR2-003		4.18

22 Cap Assy, Stop		34270-SR2-A01	.4	228.20
23 Lamp, Lamp (a)	R	34271-SR2-A01		3.06

	L	34276-SR2-A01		3.06
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1 Included w/Roof Garnish Assy				
(a) Included w/Stop Lamp Assy				

ROOF SIDE LOCK



1 Lock Assy, Roof Side	93-94	R	85200-SR2-902ZA	#.5	216.95
		L	85250-SR2-902ZA	#.5	216.95

	95	R	85200-SR2-902ZA	#.5	216.95
		L	85250-SR2-902ZA	#.5	216.95

	96	R	85200-SR2-904ZA	#.5	167.90
		L	85250-SR2-904ZA	#.5	167.90

2 Lock, Roof Side	93-95	R	85210-SR2-020		80.02
		L	85260-SR2-020		84.58

	96	R	85210-SR2-901		72.75
		L	85260-SR2-901		72.75

3 Guide, Roof Lock (2/Side)					
1993			85220-SR2-000		3.50

1994-96			85220-SR2-020		3.70
4 Clip, Cable (2/Side)			90637-689-000		1.00

5 Washer, Guide (2/Side)			85270-SR2-000		1.64
6 Knob, Side Lock Release			85217-SR2-000ZA		6.68

7 Cushion, Rod Lock			85231-SR2-010		2.92
8 Base, Rod Cushion			85230-SR2-900		4.35

9 Bracket, Rod			85126-SR2-000		6.10
10 Guide, Roof Stopper					

Front	R	85225-SR2-902		4.48
	L	85275-SR2-902		3.71

Rear	R	85235-SR2-902		4.80
	L	85285-SR2-902		4.80

12 Stopper, Catcher			85135-SR2-000		2.78
13 Grommet, Roof (4/Side)			91619-SR2-003		2.24

14 Hook, Roof			85125-SR2-020		17.10
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15 Catcher, Lock Front			85030-SR2-023		27.98
			85080-SR2-043		27.98

16 Catcher, Lock Rear	93	R	85035-SR2-904		22.42
		L	85085-SR2-904		22.42

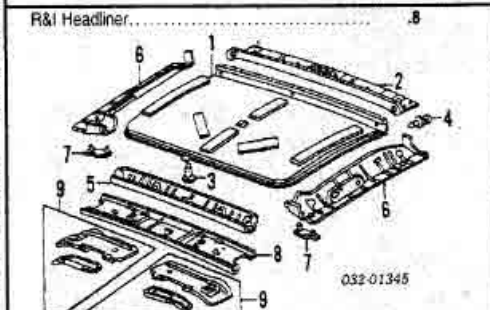
	94-95	R	85035-SR2-904		22.42
		L	85085-SR2-904		22.42

	96	R	85035-SR2-904		22.42
		L	85085-SR2-904		22.42

17 Damper, Rear Catcher			85037-SR2-000		6.45
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*Included w/ Lock Rear Catcher					
18 Shim, Front Catcher			85033-SR2-000		2.92
19 Shim, Rear Catcher			85034-SR2-000		1.96
*Use as Required					
20 Switch, Rear Catcher	R		85038-SR2-013		67.05
	L		85088-SR2-013		67.05
21 Handle, Side Lock	R		85215-SR2-000ZA		14.36
	L		85265-SR2-000ZA		14.36
22 Cap, Side Lock Handle			85216-SR2-003ZB		2.00
23 Brace, Roof	R		85130-SR2-900		5.78
	L		85180-SR2-900		5.78

INTERIOR TRIM



1 Panel, Front Headliner			83200-SR2-900ZA	.8	175.48
2 Panel, Rear Headliner					

1993-95			83206-SR2-900ZA	.3	38.55
1996			83206-SR2-900ZB	.3	35.28

3 Clip, Headliner Front			90854-SA5-003		1.68
4 Clip, Headliner Rear (3)			91550-SH3-003ZT		1.56

4	Clip, Headliner Rear (3)	91550-SR3-003Z1	1.56
	Mldg, Inside Garnish		
5	Front	83212-SR2-900ZA	42.18

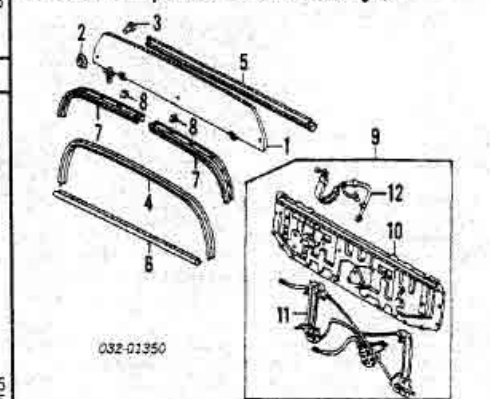
	L	83281-SR2-900ZA		28.05
7 Slider, Roof Panel	R	85205-SR2-013ZA		4.36

	L	85255-SR2-013ZA		4.36
7 Slider, Roof Panel	R	85205-SR2-013ZA		4.36
	L	85255-SR2-013ZA		4.36

9 Visor Assy, Sun-See Windshield Section					
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BACK WINDOW

Use Procedure Explanation 19 with the following text.



1 Glass, Back Window					
Honda					

Clear			85851-SR2-A03	#2.8	313.35
Green	93-95		85851-SR2-A12	#2.8	330.41

	96		85851-SR2-A13	#2.8	N.A.
NAGS					

Clear			FB04746CLN	#2.8	N.A.
Blue			FB04746BTN	#2.8	N.A.

Green			N.A.	#2.8	N.A.
2 Deduct .3 for Each Seat Removed					

2 Clip, Glass Number 1 (5)			91562-SR2-003		1.74
3 Clip, Glass Number 2-Serviced w/Upper Glass Seal					

4 Channel, Run			85825-SR2-003		28.67
5 Seal, Glass Upper-Not Serviced					

6 Seal, Glass Lower		85835-SR2-003	67.0
7 Sash, Glass	R	85830-SR2-003	47.8

	L	85880-SR2-003	47.8
8 Grommet, Sash (6/Side)		91651-SR2-003	1.7

9 Panel Assy, Rear			06858-SR2-A00	#2.5	513.85
10 Panel, Rear			85810-SR2-000		210.53

11 Regulator, Glass			85820-SR2-003		344.67
12 Cable, Defroster			32202-SR2-000		80.43

1 Included w/Rear Panel Assy					
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QUARTER PANEL

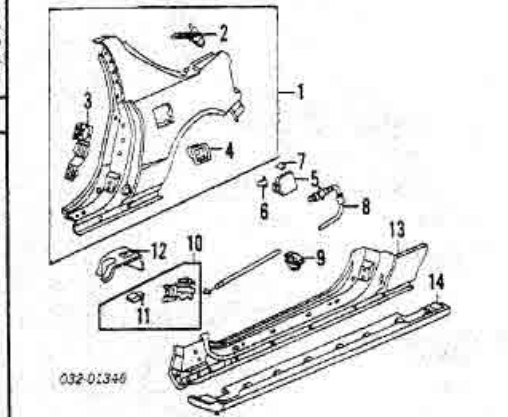
Use Procedure Explanations 20 and 28 with the following text.

SHEET METAL/EXTERIOR TRIM

Refinish Qtr Panel Assy Outside				2.3
Add to Edge Panel				.5

Add to Pillar				.5
Refinish Fuel Door				#.3

1 Included in Refinish Quarter Panel Assy				
R&R Both Quarter Panels				21.6
R&R Rear Body Panel & Both Quarter Panels				23.7
R&I Rear Pillar Garnish				.5
R&I Wheel Opening Protector				.2



1 Panel Assy, Outer Quarter					
1993-95	R		04636-SR2-310ZZ	12.0	488.76

	L		04646-SR2-300ZZ	12.5	476.85
1996	R		04636-SR2-310ZZ	12.0	488.76

	L		04646-SR2-310ZZ	12.5	476.85
2 Ext, Drip Rail	R		63130-SR2-300ZZ	1.0	20.27

	L		63530-SR2-300ZZ	1.0	20.27
3 Bracket, Door Striker	R		63129-SR2-300ZZ		19.03

	L		63529-SR2-300ZZ		20.16
4 Adapter, Fuel Door			63915-SR2-300ZZ		28.62

5 Door, Fuel			63910-SR2-000ZZ	.3	24.58
6 Spring, Fuel Door			70494-SE0-000		3.56

7 Cushion, Fuel Door			74422-SH3-000		2.36
8 Cable, Fuel Lid Opener			74411-SR2-A01		28.62

9 Clip, Cable			91547-SR2-000		1.62
10 Control, Remote	93-94		74882-SR2-A01ZA		51.05

	95		74882-SR2-A11ZA		84.40
	96		74882-SR2-A11ZB		72.96

			74883-SM4-003ZA		5.06
11 Knob, Remote Control					

12 Cover, Remote Control	93-94		74881-SR2-A01ZA		12.76
	95		74881-SM4-A01ZA		11.80

	96		74881-SM4-A01ZS		11.96
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Antenna Assy					
Manual			39150-SR2-A01	.9	108.87

Power			08B41-SR2-100	.9	165.00
Mast, Antenna			39152-SK7-A01		47.20

13 Panel, Outer Rocker					
See Rocker/Pillars/Floor Section					

14 Mldg, Rocker Panel					
See Rocker/Pillars/Floor Section					

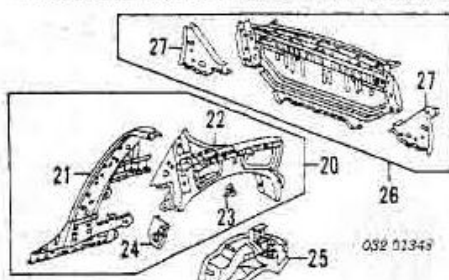


15 Garnish Assy, Rear Pillar					
Blue	R		74401-SR2-003ZC	.5	143.7

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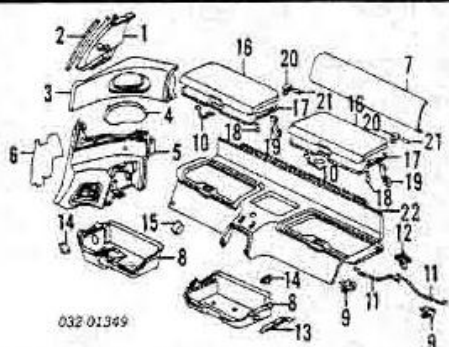
QUARTER PANEL Cont'd

SHEET METAL/EXTERIOR TRIM Cont'd



20 Panel Assy, Inner Quarter				
1993-95	R 64300-SR2-A50ZZ	6.5	464	51
	L 64700-SR2-A50ZZ	6.5	484	51
1996	R 64300-SR2-A51ZZ	6.5	432	72
	L 64700-SR2-A51ZZ	6.5	432	72
21 Pillar, Inner Lock				
1993-95	R 64310-SR2-A00ZZ	3.5	334	11
	L 64710-SR2-A00ZZ	3.5	334	11
1996	R 64310-SR2-A00ZZ	3.5	334	11
	L 64710-SR2-A00ZZ	3.5	334	11
*Included w/Inner Quarter Panel Assy				
22 Panel, Inner Rear				
Serviced w/Inner Quarter Panel Assy				
23 Ext. Drip Rail Support	R 64319-SR2-300ZZ	13	56	
	L 64719-SR2-300ZZ	13	56	
24 Ext. Wheelhouse	R 64321-SR2-300ZZ	32	20	
	L 64721-SR2-300ZZ	32	20	
*Included w/Inner Quarter Panel Assy				
25 Panel, Wheelhouse	R 64330-SR2-950ZZs	2.0	206	50
	L 64730-SR2-950ZZs	2.0	206	50
26 Panel Assy, Partition	R 64800-SR2-950ZZ	583	22	
27 Frame, Partition Side	R 64822-SR2-300ZZ	1.0	42	90
	L 64862-SR2-300ZZ	1.0	42	90
*Included w/Partition Panel Assy				

INTERIOR TRIM



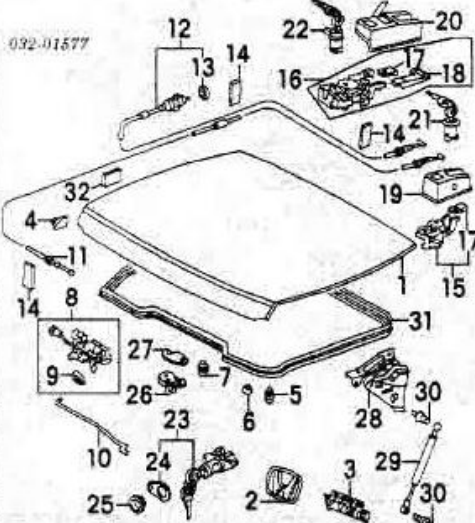
1 Trim, Lock Pillar	93-95 R 84130-SR2-000ZA	#1.2	17.52	
	L 84180-SR2-000ZA	#1.2	17.52	
	96 R 84130-SR2-000ZB	#1.2	17.52	
	L 84186-SR2-000ZB	#1.2	N.A.	
*Includes R&R Rear Panel Trim, Inner Upper Panel, Inner Lower Panel, Security Box Base & Seat				
2 Trim, Opening	93-95 R 84231-SR2-000ZA	9.60		
	96 R 84231-SR2-000ZB	8.91		
3 Panel, Inner Upper	93 R 83732-SR2-010ZA	#4	74.29	
	L 83782-SR2-010ZA	#4	74.29	
	94-95 R 83732-SR2-E01ZA	#4	80.48	
	L 83782-SR2-E01ZA	#4	80.48	
	96 R 83732-SR2-E01ZB	#4	73.70	
	L 83782-SR2-E01ZB	#4	73.70	
*Includes R&R Rear Trim Panel				
4 Grille, Speaker	93-95 R 84641-SR2-000ZA	15.72		
	L 84691-SR2-000ZA	15.72		
	96 R 84641-SR2-000ZB	15.72		
	L 84691-SR2-000ZB	13.75		
Speaker, Radio	39120-SR2-A01	.3	37.92	
5 Panel, Inner Lower	R 83731-SR2-000ZA	#8	52.60	
	L 83781-SR2-000ZA	#8	52.60	
*Includes R&R Rear Panel Trim, Inner Upper Panel & Security Box Base				
6 Seal, Center Inner	R 74304-SR2-000	8.80		
	L 74314-SR2-000	8.80		
7 Trim, Rear Panel	93-95 R 84650-SR2-000ZA	.2	35.10	
	96 R 84650-SR2-000ZB	.2	35.10	
8 Box, Security	R 84452-SR2-900ZA	26.28		
	L 84456-SR2-000ZA	26.28		
9 Latch, Security Box	84462-SR2-003	11.43		
10 Striker, Latch	84454-SR2-000	7.20		
11 Rod, Latch	84463-SR2-003	5.84		
Cylinder, Lock	84460-SR2-003	26.28		
12 Bracket, Cylinder	84461-SR2-003	10.16		
13 Bracket, Left Box	84455-SR2-000	7.10		
14 Cap, Emergency	84459-SR2-000ZA	4.84		
15 Lid, Switch Hole	83442-SM4-950ZA	4.58		
16 Lid, Security Box Upper	R 84453-SR2-000ZA	17.52		
	L 84458-SR2-000ZA	17.52		
17 Lid, Security Box Lower	R 84457-SR2-000ZA	14.12		
	L 84467-SR2-000ZA	14.12		

18 Stopper, Lid (2/Side)	66418-SA5-000	2.32		
19 Brkt, Security Box	84464-SR2-000ZA	2.63		
20 Hinge, Security Box				
2/Side	84465-SR2-000	3.20		
21 Pin, Spring (2/Side)	94305-40222	.94		
22 Base, Security Box	84451-SR2-A00ZA	#7	84.28	
*Includes R&R Rear Panel Trim & Inner Upper Panel				

LUGGAGE LID

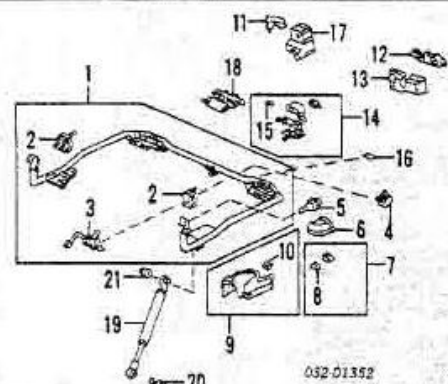
Use Procedure Explanations 24 and 28 with the following text.

Refinish Luggage Lid Outside	2.5			
Add for Underside	1.2			
Refinish Hinge	.2			
Refinish Spoiler	1.2			
R&I Luggage Lid Assy	.4			



1 Lid, Luggage	68500-SR2-950ZZ	1.0	403.60	
Spoiler Assy				
Dealer Installed				
Black	08F12-SR2-111A	.6	449.00	
Blue	08F12-SR2-130	.6	d435.54	
Green	08F12-SR2-100	.6	d435.54	
Red	08F12-SR2-141	.6	449.00	
White	08F12-SR2-121	.6	449.00	
Emblem				
2 "H"	75701-SR4-000	.2	11.76	
3 "VTEC"	75723-SR2-A21ZB	.2	11.76	
4 Stopper, Lid	R 74825-SR2-010	2.38		
	L 74826-SR2-010	2.38		
5 Cushion, Lid Outer	63511-SA5-003	4.54		
6 Cushion, Lid Inner (4)	85267-671-000	3.84		
7 Cushion, Lid Center	74749-SR2-950	2.38		
8 Latch Assy	74801-SK7-013	#.5	33.87	
*Includes R&R Roof Holder Lock Assy				
9 Snap, Latch	90856-SK7-003	1.68		
*Included w/Latch Assy				
10 Rod, Latch	74863-SR2-951	5.48		
11 Cable, Luggage Lid Opener	74880-SR2-A00	32.40		
12 Cable, Fuel Lid Opener-See Quarter Panel Section				
13 Seal, Fuel Lid Opener	73219-693-951	1.46		
*Included w/Fuel Lid Opener Cable				
14 Cushion, Cable (3)	91902-SB2-003	3.46		
Control Assy, Remote				
15 1993-94-See Quarter Panel Section				
16 1995-96-See Quarter Panel Section				
17 Knob, Remote Control-See Quarter Panel Section				
18 Knob, Luggage Lid Opener				
1993-95	74884-SM4-A01ZA	6.60		
1996	74884-SM4-A01ZS	7.28		
*Included w/Remote Control Assy				
Cover, Remote Control				
19 1993-94-See Quarter Panel Section				
20 1995-96-See Quarter Panel Section				
Cylinder, Remote Control				
21 1993-94	74886-SH4-A03	37.82		
22 1995-96	74886-SR2-A01	44.60		
23 Cylinder, Luggage Lid Lock	74812-SH3-043	.3	37.82	
24 Gasket, Cylinder	90501-SH3-003	1.68		
*Included w/Luggage Lid Lock Cylinder				
25 Grommet, Cylinder	74815-SK7-003	1.86		
26 Striker, Latch	83305-SD2-003	#.2	10.62	
*Included in R&R Luggage Lid				
27 Shim, Striker				
1.0mm	83307-SD2-900	2.86		
2.0mm	83307-SD2-000	2.86		
28 Hinge, Lid	R 68610-SR2-950ZZ	#.3	95.30	
	L 68660-SR2-950ZZ	#.3	95.30	
*w/Luggage Lid Removed				
29 Stay, Lid Opener	74820-SR2-951	48.86		
30 Stud, Ball (2/Side)	85269-SH3-003	4.68		
31 Weatherstrip, Lid	74865-SR2-000	.5	58.66	

ROOF HOLDER



1 Holder Assy, Roof	74720-SR2-950	1.0	291.30	
2 Bracket, Roof Stopper	R 74726-SR2-951		14.10	
	L 74736-SR2-950		16.26	
3 Switch, Roof Holder	74741-SR2-951		37.16	
*Included w/Roof Holder Assy				
4 Stopper, Roof	74762-SR2-950	5.50		
5 Bolt, Holder Special	90101-SR2-950	5.04		
6 Cushion, Roof Holder	74732-SR2-951	7.84		
7 Spring, Cushion	74733-SR2-950	3.03		
8 Stopper, Spring	74738-SR2-950	4.10		
*Included w/Cushion Spring				
9 Cover, Holder Front	R 74761-SR2-950	17.36		
	L 74771-SR2-950	17.36		
10 Stopper, Holder Front	R 74763-SR2-951	20.42		
	L 74773-SR2-951	20.42		
*Included w/Holder Front Cover				
11 Cover, Holder Rear	R 74764-SR2-950	8.72		
	L 74774-SR2-950	8.72		
12 Lock Assy, Roof Holder	74745-SR2-951ZA	#.3	23.23	
*Included in R&R Luggage Lid Latch Assy				
13 Cover, Roof Holder Lock	74746-SR2-951	10.46		
14 Lock Assy, Roof	R 74780-SR2-951	.3	47.90	
	L 74790-SR2-951	.3	47.90	
Seal, Roof Lock				
15 USA	R 74781-SR2-951	1.54		
	L 74791-SR2-951	1.54		
16 Canada	R N.A.	N.A.		
	L N.A.	N.A.		
*Included w/Roof Lock Assy				
17 Cover, Roof Lock	R 74765-SR2-950	10.82		
	L 74775-SR2-950	10.82		
18 Cover, Striker	74766-SR2-950	10.82		
19 Stay, Roof Holder Open	74740-SR2-951	.2	41.50	
20 Stud, Ball	85269-SH3-003	4.68		
21 Nut, Self Lock	90344-SF4-003	2.98		

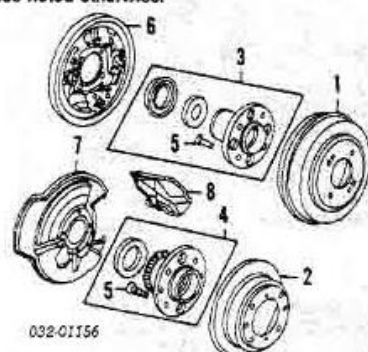
REAR SUSPENSION

Use Procedure Explanation 23 with the following text.

R&I Suspension (One Side)	m 1.7			
O/H Suspension (Includes R&I)				
One Side	m 2.5			
Both Sides	m 4.8			
Adjust Four Wheel Alignment	m 1.6			
Adjust Rear Alignment	m 1.1			
Add to Adjust Alignment				
w/Wheel Covers	.2			
Bleed Brake System				
w/ABS	m .5			
w/o ABS	m .3			

NOTE 1: R&I/R&R or O/H Does Not include alignment or bleed brake system.

NOTE 2: All Parts in this section are included in overhaul unless noted otherwise.



1 Drum, Brake	42610-SB2-010	m #.3	71.75	
*R&R Both Sides .5				
2 Rotor, Brake	93 42510-SR3-J00	m #.6	85.72	
	94-96 42510-SR3-A10	m #.6	85.72	
*R&R Both Sides 1.0				
Hub Assy				
3 Drum				
Fuji Koshi	42200-SB2-025	m #.8	144.67	
Toyo Seiko	42200-S04-008	m #.8	135.33	

4 Disc	42200-SR3-A06 m #.8	123.38
1993		
1994-96		
S Model		
w/ABS	42200-SR3-A53 m #.8	192.62
w/o ABS	42200-SR3-A06 m #.8	123.38
VTEC Model		
94	42200-SR3-A06 m #.8	123.38
95-96	42200-SR3-A53 m #.8	192.62

#Includes R&R Drum or Rotor, Bearing & Seal, R&R Both 1.4

5 Bolt, Hub	90113-SA0-025 m	4.08
Nagaya Rashi	90113-SA0-006 m	4.08
Saga		

#Included w/Hub Assy

6 Plate, Backing	93-95 R 43110-SR3-A01 m #.2	46.50
	L 43120-SR3-A01 m #.2	46.50
	96 R 43110-S04-E01 m #.2	45.16
	L 43120-S04-E01 m #.2	45.16

7 Shield, Splash	R 43253-SK7-020 m #.2	25.73
1993-94	L 43254-SK7-020 m #.2	25.73

1995-96	R 43253-SK7-950 m #.2	25.96
w/ABS	L 43254-SK7-950 m #.2	25.96
	R 43253-SK7-020 m #.2	25.73
w/o ABS	L 43254-SK7-020 m #.2	25.73

#w/Hub Removed

Hose, Brake	46430-SR0-003 m #.3	15.07
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#Order by Application

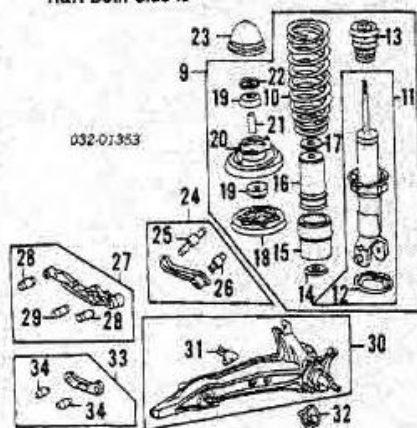
#w/Caliper Removed Deduct .2

Caliper, Brake	93-94 R 43210-SR2-J01RM m #.5	127.50
	L 43230-SR2-J01RM m #.5	127.50
	95 R 43018-SR3-000RM m #.5	171.00
	L 43019-SR3-000RM m #.5	171.00
	96 R 43018-S04-003 m #.5	217.95
	L 43019-S04-003 m #.5	217.95

#Part Numbers w/RM Suffix are Remanufactured Parts. Contact Dealer for Core Charge & Exchange Information

8 Protector, Caliper	R 43255-SR3-932 m #.5	10.36
	L 43256-SR3-932 m #.5	8.41

#R&R One Side Complete, w/Rotor Removed Deduct .3, R&R Both Side .8



9 Strut Assy		
USA-Use Component Parts Only		
Canada		
S, Si Model	N.A.	m #1.0 N.A.
VTEC Model	N.A.	m #1.0 N.A.

#w/Lower Arm Removed Deduct .6, R&R Both Sides 1.6

10 Spring (a)	52441-SR0-J02 m #1.3	101.02
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(a) Order by Application

11 Absorber, Shock	52611-SR2-B01 m #1.3	108.52
S, Si Model	94-95 52611-SR3-A01 m #1.3	108.52
VTEC Model	96 52611-S77-A01 m #1.3	108.52

12 Seat, Spring Lower	52722-SR2-003 m #1.3	17.25
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13 Bumper, Stop	52690-SG0-000 m #1.3	.72
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14 Plate, Stop Bumper	52688-SR3-003 m #1.3	6.73
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15 End, Dust Cover	52687-SR3-003 m #1.3	14.64
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16 Cover, Dust	51685-SH3-014 m #1.3	.32
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17 Plate, Dust Cover	52686-SR0-003 m #1.3	16.35
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18 Seat, Spring Upper		
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19 Rubber, Strut Mount	52725-SR0-003 m #1.3	1.58
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20 Mount, Strut	52675-SR0-003 m #1.3	17.60
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21 Collar, Strut Mount	51728-SR0-003 m #1.3	1.30
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22 Washer, Strut Mount	51621-SR0-003 m #1.3	.44
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#Included w/Strut Assy

23 Cap, Strut	74671-SH3-010 m #1.3	4.78
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#R&R One Side Complete, w/Lower Arm Removed Deduct .9, R&R Both Sides 2.1

24 Arm Assy, Control	93 R 52390-SR3-000 m #.7	43.98
Upper	L 52400-SR0-A00 m #.7	42.08
	94-96 R 52390-SR3-000 m #.7	43.98
	L 52400-SR3-000 m #.7	43.98

#w/Trailing Arm Removed Deduct .4, R&R Both Sides 1.2

Bushing, Upper Control Arm	93 52393-SR0-004 m #.3	21.92
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25 Inner	94-96 52393-SR3-004 m #.3	22.97
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26 Outer	52395-SH3-004 m #.3	17.52
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#Included w/Upper Control Arm Assy
#R&R One Side Complete, w/Arm Assy Removed, Not Included in O/H

27 Arm Assy, Lower Control Arm		
S Model	R 52350-SH3-A12 m #1.0	68.65
	L 52360-SH3-A12 m #1.0	68.65
Si Model		
w/ABS	R 52350-SH3-A21 m #1.0	68.65
	L 52360-SH3-A21 m #1.0	68.65
w/o ABS	R 52350-SH3-A12 m #1.0	68.65
	L 52360-SH3-A12 m #1.0	68.65
VTEC Model	94 R 52350-SH3-G11 m #1.0	67.79
	L 52360-SH3-G11 m #1.0	67.79
	95-96 R 52350-SH3-G21 m #1.0	67.79
	L 52360-SH3-G21 m #1.0	67.79

#w/Trailing Arm Removed Deduct .5

Bushing, Lower Control Arm

28 Number 1 (2/Side)	52365-SH3-000 m #.5	17.52
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1993-95		
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1996	52365-SK7-A02 m #.5	20.38
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Hokushin	52365-SH3-000 m #.5	17.52
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Yamashita		
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29 Number 2	52622-SH3-010 m #.5	17.52
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1993-95		
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1996	S Model, VTEC Model	52622-SH3-010 m #.5	17.52
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Si Model			
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Hokushin	52622-SK7-A03 m #.5	20.38
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Yamashita	52622-SK7-A03 m #.5	20.38
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#Included w/Lower Control Arm Assy

#R&R One Side Complete, w/Arm Assy Removed, Not Included in O/H

30 Arm Assy, Trailing

S Model		
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Drum	93 R 52370-SR3-A10 m #2.2	234.89
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	L 52371-SR3-A10 m #2.2	234.89
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94-95 R 52370-SR3-A20 m #2.2	234.89
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L 52371-SR3-A20 m #2.2	234.89
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96 R 52370-SR3-G01 m #2.2	234.89
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L 52371-SR3-G01 m #2.2	234.89
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L 52370-SR3-G10 m #2.2	265.07
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L 52371-SR3-G10 m #2.2	265.07
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Disc		
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Si Model		
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1993	R 52370-SR3-G01 m #2.2	234.89
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	L 52371-SR3-G01 m #2.2	234.89
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1994	R 52370-SR3-G10 m #2.2	265.07
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	L 52371-SR3-G10 m #2.2	265.07
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1995	R 52370-SR3-A80 m #2.2	265.07
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w/ABS	L 52371-SR3-A80 m #2.2	265.07
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w/o ABS	R 52370-SR3-G10 m #2.2	265.07
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	L 52371-SR3-G10 m #2.2	265.07
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1996	R 52370-S77-G60 m #2.2	268.12
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	L 52371-S77-G60 m #2.2	268.12
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VTEC Model	94 R 52370-SR3-G10 m #2.2	265.07
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	L 52371-SR3-G10 m #2.2	265.07
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	95 R 52370-SR3-A80 m #2.2	265.07
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	L 52371-SR3-A80 m #2.2	265.07
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	96 R 52370-SR3-G90 m #2.2	N.A.
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	L 52371-SR3-G90 m #2.2	N.A.
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#Includes R&R Hub or Drum, Splash Shield or Backing Plate & Bearings, R&R Both Sides 3.2

31 Bracket, Hose Brake	R 46438-SH3-A03 m	8.54
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S Model	L 46439-SH3-A03 m	8.54
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Si, VTEC Model	R 46438-SH3-020 m	8.54
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	L 46439-SH3-020 m	8.54
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#Included w/Trailing Arm Assy

32 Protector, Lower Arm	R 52354-SR3-000 m	5.88
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	L 52364-SR3-000 m	5.88
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33 Arm Assy, Compensator	52341-SR3-000 m #1.1	34.27
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#R&R Both 1.8, w/Trailing Arm Removed Deduct .8

34 Bushing, Compensator (2/Side)		
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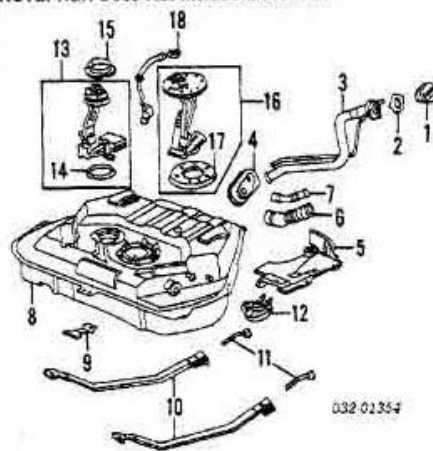
Hokushin	52343-SK7-003 m	13.48
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Yamashita	52343-SR3-004 m	14.86
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#Included w/Compensator Arm Assy

FUEL TANK

NOTE: R&R Does Not include drain fuel.



The del Sol Guide

1 Cap, Fuel Filler	17670-SM1-A03	4.40
2 Gasket, Fuel Filler	17662-S51-000	4.14
3 Pipe, Fuel Filler	17660-SR2-A00	82.27
4 Grommet, Filler Pipe	17667-SR2-010	10.36
5 Protector, Filler Pipe	17733-SR2-000	12.92
6 Tube, Filler Neck	17651-SR2-000	23.18
7 Tube, Breather	17653-SR2-000	9.42
8 Tank, Fuel	17500-SR2-A31 m 1.1	324.03
9 Bracket, Fuel Tank	17501-SR2-010	3.94
10 Band, Fuel Tank Mount	17522-SR2-000	16.94
11 Bolt, Fuel Tank Mount	17525-SR2-000	5.04
12 Valve, Two Way	17371-SM4-A02	40.47
13 Gauge, Fuel Tank	93-94 37800-SR2-A01 m .8	45.00
	95-96 37800-SR2-003 m .8	86.13
	37801-SH3-000	2.08
14 Gasket, Gauge		
#Included w/Fuel Tank Gauge	37802-SD2-000	3.34
15 Retainer, Gauge	93-95 17040-SR2-A31 m .8	291.66
16 Pump, Fuel	96 17040-SR2-A32 m .8	291.66
	17574-SE0-000	5.74
17 Gasket, Fuel Pump		
#Included w/Fuel Pump		
18 Hose, Fuel Joint	17707-SR2-A31	121.42

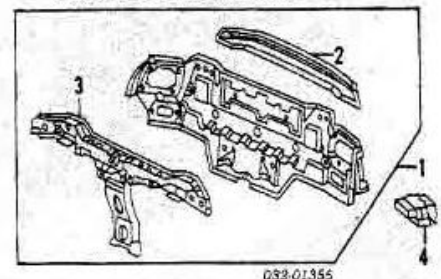
REAR BODY

Use Procedure Explanations 26 and 28 with the following text.

SHEET METAL/EXTERIOR TRIM

Refinish Rear Body Panel Assy Outside	1.8
Add for Edge & Inside	.8
Refinish Rear Finish Panel Assy	1.5
Refinish Rear Floor Pan (Section)	1.0
Section Rear Floor Pan	#12.0

#w/Rear Body Panel Removed, Deduct 1.5 for Each Quarter Inner Panel Removed



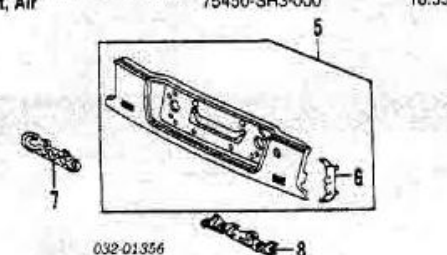
1 Panel Assy, Rear Body		
1993-95	66100-SR2-A50ZZ	#6.5 268.23
1996	66100-SR2-A51ZZ	#6.5 258.67

#Deduct 2.2 for Each Quarter Panel Removed, Deduction Includes Common Surfaces & Included Operations

2 Stiffener, Rear	66117-SR2-A00ZZ	1.0 44.10
3 Stiffener, Front	66112-SR2-950ZZ	1.5 79.85

#Included w/Rear Body Panel Assy

4 Vent, Air	75450-SR3-000	18.55
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5 Panel Assy, Rear Finish	66130-SR2-A00ZZ	.8 190.75
6 Bracket, Outer Panel	R 66132-SR2-300ZZ	18.16
	L 66142-SR2-300ZZ	18.16

#Included w/Rear Finish Panel Assy

Decal		
7 "Civic"		
Gray	75765-SR2-A02ZD	#.1 14.43
Silver	75765-SR2-A02ZE	#.1 14.43

8 "del Sol"		
Gray	93-94 75723-SR2-A02ZG	#.1 14.43
	95-96 75723-SR2-A02ZG	#.1 14.43
Silver	75723-SR2-A02ZF	#.1 14.43

#Time is for Installation Only



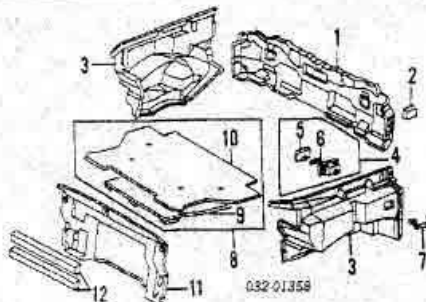
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REAR BODY Cont'd

SHEET METAL/EXTERIOR TRIM Cont'd

9 Pan, Rear Floor	04655-SR2-A50ZZ	#18.0	737.06
<i>#w/Rear Body Panel & Necessary Bolted Parts & Assemblies Removed, w/Each Side Rail Removed</i>			
<i>Deduct 1.4</i>			
10 Stiffener, Jack Upper	65513-SR3-300ZZ		37.08
<i>(Included w/Rear Floor Pan)</i>			
11 XMbr, Rear Floor Front	65700-SR2-A00ZZ		222.66
12 XMbr, Rear Floor Rear	65750-SR2-A00ZZ	5.5	176.28
13 Sidemember Assy, Rear	R 65610-SR2-A50ZZ	#8.5	315.48
	L 65660-SR2-A50ZZ	#8.5	315.48
<i>#w/Necessary Bolted Parts & Assemblies Removed</i>			
14 Outrigger, XMbr	R 04650-SR2-A00ZZ		49.20
	L 04660-SR2-A00ZZ		49.20
15 Ext, Sidemember Rear	R 04653-SR2-A00ZZ s	3.5	60.76
	L 04654-SR2-A00ZZ s	3.5	60.76
16 Gusset, Rear Panel (a)	R 65518-SR2-300ZZ		24.32
	L 65568-SR2-300ZZ		24.32
<i>(a) Included w/Sidemember Rear Extension</i>			
17 Ext Assy, Rocker	R 65640-SR2-300ZZ		126.46
	L 65690-SR2-300ZZ		126.46
18 Outrigger (a)	R 04658-SR2-300ZZ		30.56
	L 04659-SR2-300ZZ		29.81
19 Panel, Extension (a)	R 04656-SR2-300ZZ		47.66
	L 04657-SR2-300ZZ		47.66
<i>(a) Included w/Rocker Ext Assy</i>			

INTERIOR TRIM

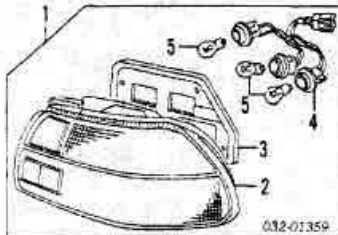


1 Panel, Rear Trim	84640-SR2-900ZA	.3	131.68
2 Cushion, Rear Trim	84642-SR2-900		3.37
3 Panel, Side Trim	R 83820-SR2-900ZA	.4	63.13
	L 83871-SR2-900ZA	.4	63.12
4 Lamp Assy, Courtesy	34255-SM4-961ZG		20.03
5 Lens	34261-SM4-003		5.47
6 Bulb	34295-SA5-003		1.62
<i>(Included w/Courtesy Lamp Assy)</i>			
7 Plate, Courtesy Lamp	34257-SM4-000		4.10
8 Cover Assy, Spare Tire	84520-SR2-960ZA		114.89
9 Board, Floor	84521-SR2-960		76.67
10 Mat, Floor	84630-SR2-960ZA		41.72
<i>(Included w/Spare Tire Cover Assy)</i>			
11 Trim, Front	83810-SR2-900ZA	.5	57.98
12 Cushion, Partition (2)	83811-SR2-901		11.30

REAR LAMPS

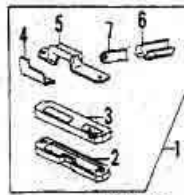
COMBINATION LAMP

R&L Lamp Assy #5
#Includes R&L/R&R Rear Trim Panel



1 Lamp Assy	93 R 33500-SR2-A01	#5	215.85
	L 33550-SR2-A01	#5	215.85
	94-96 R 33500-SR2-A02	#5	215.85
	L 33550-SR2-A02	#5	215.85
2 Lens & Body	93 R 33501-SR2-A01	#5	183.55
	L 33551-SR2-A01	#5	183.55
	94-96 R 33501-SR2-A02	#5	183.55
	L 33551-SR2-A02	#5	183.55
<i>#Includes R&L/R&R Rear Trim Panel</i>			
3 Gasket	33503-SR2-A01		15.35
4 Socket & Wire	33502-SR2-A01		39.56
5 Bulb			
Tail/Stop	34906-SA5-671	#3	2.72
Back-Up	34903-SB6-671	#3	2.14
<i>(Included w/Lamp Assy)</i>			
<i>#R&R One Side Complete</i>			

LICENSE LAMP



1 Lamp Assy	34100-SR3-A01	.2	25.00
2 Lens	34101-SR3-A01		11.98
3 Gasket	34103-SR3-A01		4.03
4 Shade	34104-SR3-A01		18.55
5 Housing	34102-SR3-A01		49.45
6 Socket	34304-SH3-A01		3.68
7 Bulb	34901-SE3-003		1.83
<i>(Included w/Lamp Assy)</i>			

STOP LAMP HIGH MOUNT

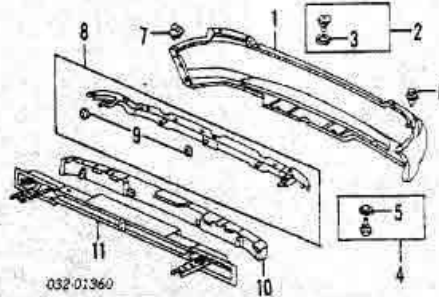
See Roof Section

REAR BUMPER

Use Procedure Explanations 27 and 28 with the following text.

Refinish Rear Cover	2.0
Refinish Reinf Bar	1.0
R&L Bumper Assy	1.0
O/H Bumper Assy (Includes R&L)	1.4

NOTE: All Parts in this section are included in overhaul unless noted otherwise.



1 Cover, Rear (P)	04715-SR2-000ZZ	1.1	294.96
<i>(P) Paint to Match</i>			
2 Bolt Assy, Cover Upper	90130-SH3-010		3.48
3 Washer, Upper Bolt	90540-SE0-000		2.04
<i>(Included w/Cover Upper Bolt Assy)</i>			
4 Bolt Assy, Cover Lower	90101-SE0-010		3.72
5 Washer, Lower Bolt	90540-SA7-000		1.00
<i>(Included w/Cover Lower Bolt Assy)</i>			
6 Clip, Cover (2/Side)	91503-SP0-003		2.44
7 Grommet, Bumper Side	71144-SR3-A00		1.26
8 Reinforcement, Upper	71540-SR2-000	10H	63.65
9 Seal, Upper Reinf (5)	71544-SR2-000		1.62
<i>(Included w/Upper Reinforcement)</i>			
10 Absorber, Impact	71570-SR2-A00	10H	60.06
11 Bar, Reinforcement	93-94 71530-SR4-A00ZZ	#3	153.83
	95-96 71530-SR2-A00ZZ	#3	153.83
<i>#Not Included in O/H</i>			

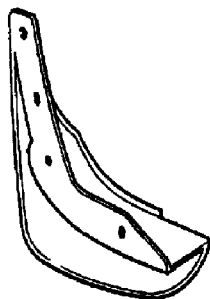
PUB No. Title
AI AII18042 1997 DEL SOL SPLASH GUARDS

Issued
08/31/1996

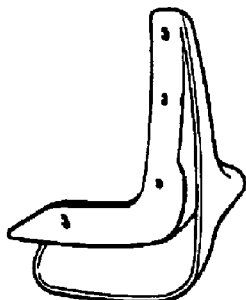
H H O N D A INSTALLATION INSTRUCTIONS	Accessory SPLASH GUARDS P/N 08P62-SR2-102	Application 1997 DEL SOL	Publications No. AI 18042
			Issue Date AUG 1996

PARTS LIST

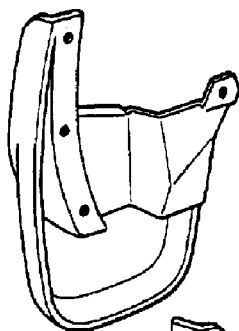
Right front splash guard



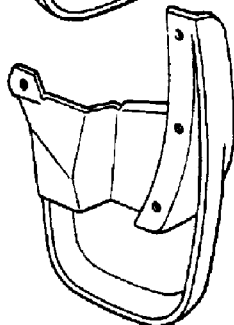
Left front splash guard



Right rear splash guard



Left rear splash guard



6 Spring nuts



2 Grommets



6 Self-tapping screws



TOOLS REQUIRED

#2 Phillips screwdriver
Stubby Phillips screwdriver

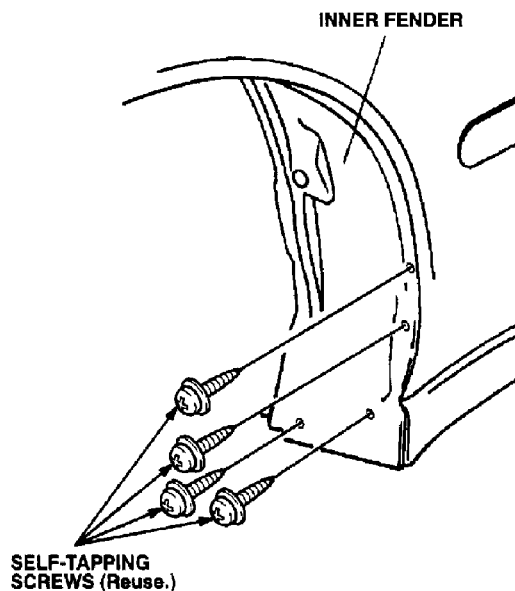
INSTALLATION

Before You Begin:

- Make sure that the area to be covered is clean and has been waxed with a high-quality paste wax.
- In these instructions, the illustrations show the left splash guards being installed. The same procedure applies to installing the right splash guards.

Installing the Front Splash Guards

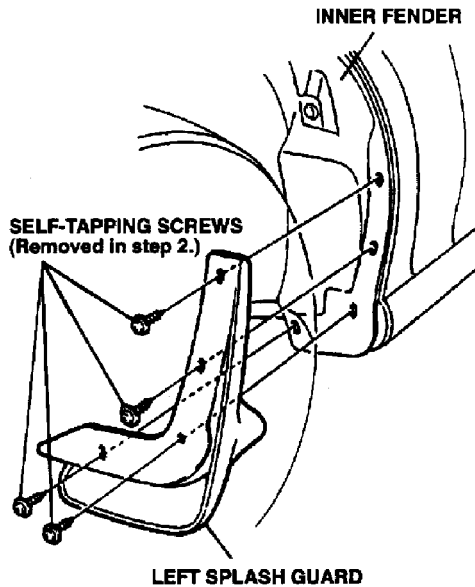
1. Turn the steering wheel all the way counterclockwise to provide access to the left front fenderwell.
2. Remove the four self-tapping screws that fasten the left inner fender to the fender, and retain the screws to be used later.



PUB No. Title
AI AII18042 1997 DEL SOL SPLASH GUARDS

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08/31/1996

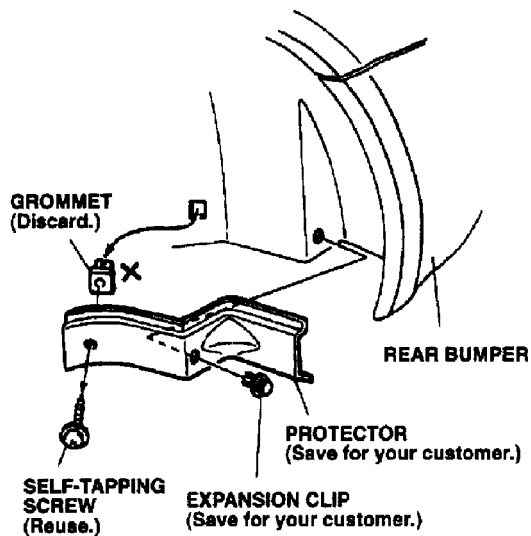
3. Position the splash guard on the fender, and install the four self-tapping screws removed in step 2.



4. Turn the steering wheel all the way clockwise, and repeat steps 2 and 3 to install the right front splash guard.

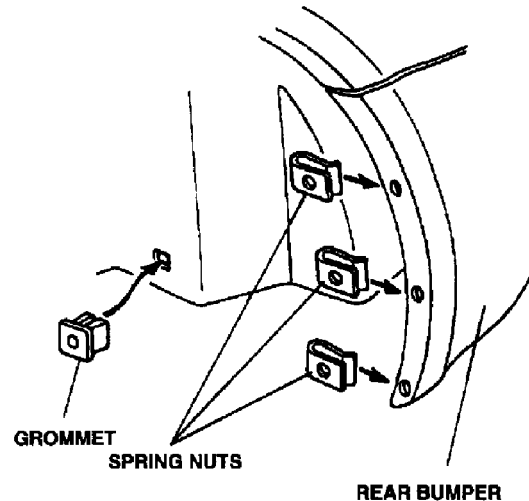
Installing the Rear Splash Guards

5. Remove the self-tapping screw and the expansion clip attaching the protector to the inner fender; then remove the protector.

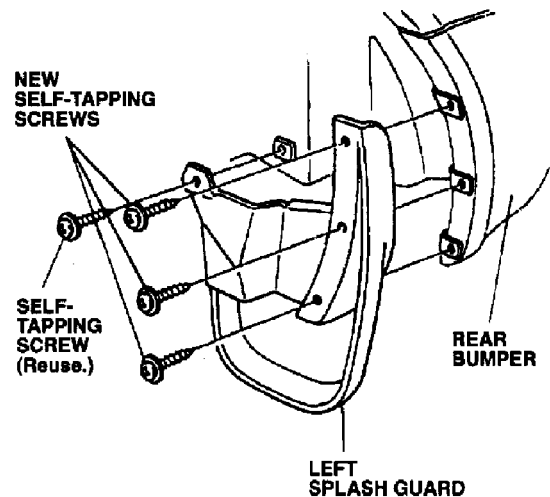


6. Pry out the grommet concealed under the protector. Save the protector and the expansion clip for your customer. They will be required if the splash guard is removed.

7. Slide the three spring nuts over the dimpled areas of the rear bumper. Press the new plastic grommet into the square hole in the fenderwell.



8. Position the splash guard on the fender and rear bumper; then install the three self-tapping screws from the kit and the self-tapping screw removed in step 5.



9. Repeat steps 6 through 8 to install the right rear splash guard.
10. Put the two expansion clips and the two protectors, removed in steps 5 and 6, in the vehicle for your customer.

INSTALLATION INSTRUCTIONS

Accessory

Application

Publications No.

All 18040

Issue Date

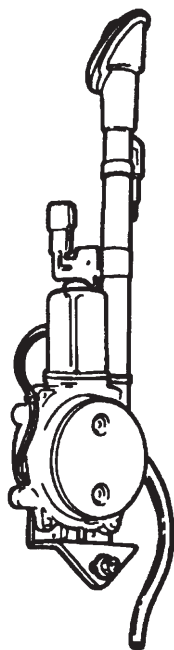
AUG 1996

POWER ANTENNA
P/N 08B41-SR2-100

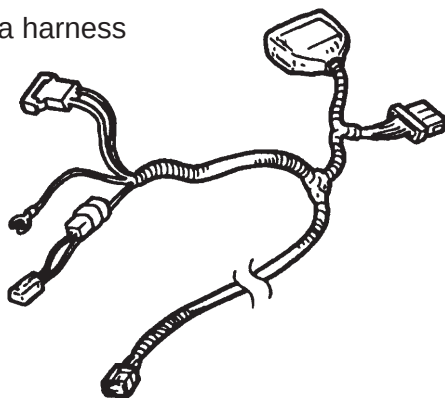
1997 DEL SOL

PARTS LIST

Power antenna



Power antenna harness



6 Cushion tapes



3 Wire ties



TOOLS REQUIRED

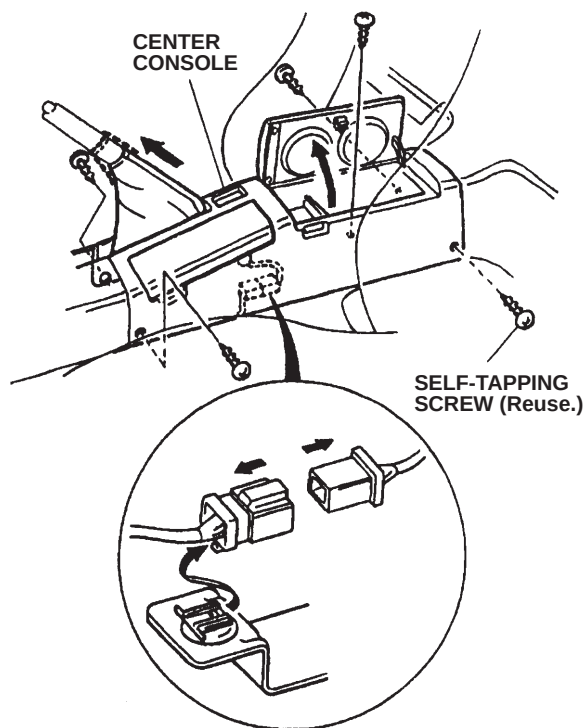
#2 Phillips screwdriver
10 mm Combination wrench
Ratchet
Antenna nut wrench
(T/N 07JAA-001000C)

INSTALLATION

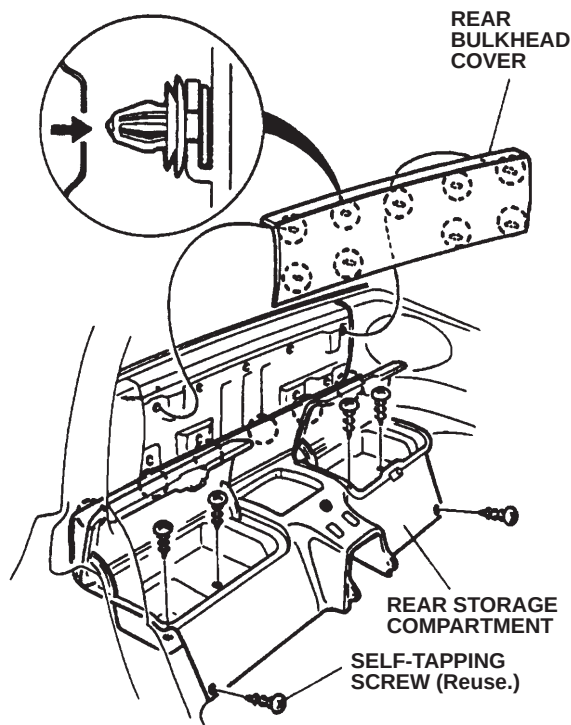
Before You Begin:

- Write down the customer's radio station presets; the radio memory will be erased when you disconnect the battery.
- If the radio has a coded theft protection circuit, be sure you have the anti-theft code number before you disconnect the battery.

1. Disconnect the negative cable from the battery.
2. Remove the center console (five self-tapping screws, one connector).

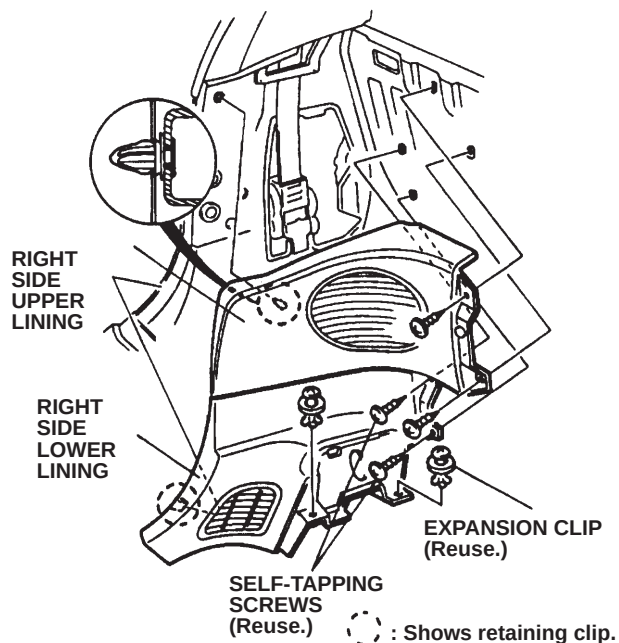


3. Inside the vehicle, remove the rear bulkhead cover (nine clips, pull gently).
4. Remove the rear storage compartment (six self-tapping screws, six clips).



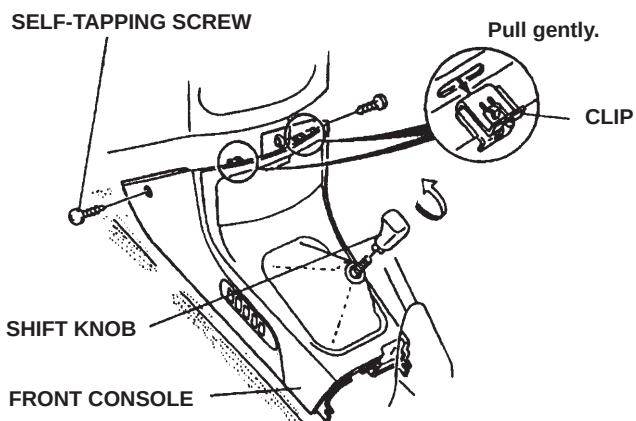
⊙ : Shows retaining clip.

5. Remove the right (passenger's side) upper and lower linings (four self-tapping screws, two expansion clips, two retaining clips). Take care not to damage the retaining clips.

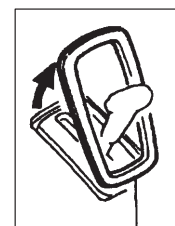
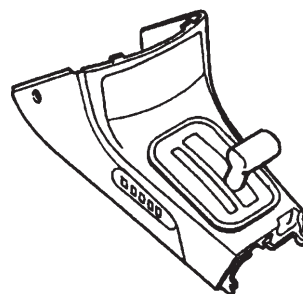


6. Remove the front console:

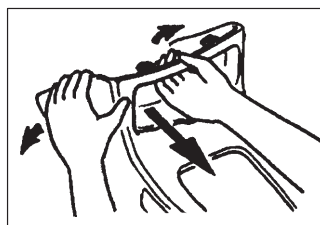
M/T only: two self-tapping screws, shift knob, two clips.



A/T only: two self-tapping screws, rubber trim ring, two clips.



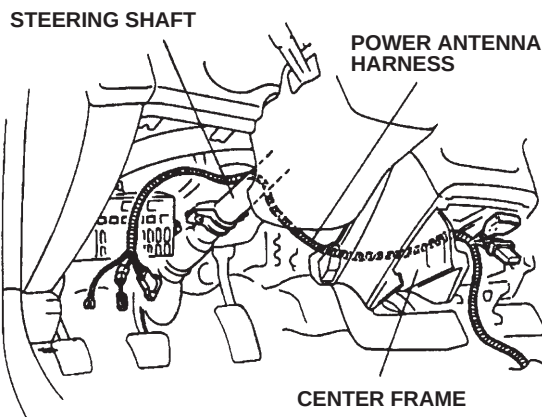
RUBBER TRIM RING



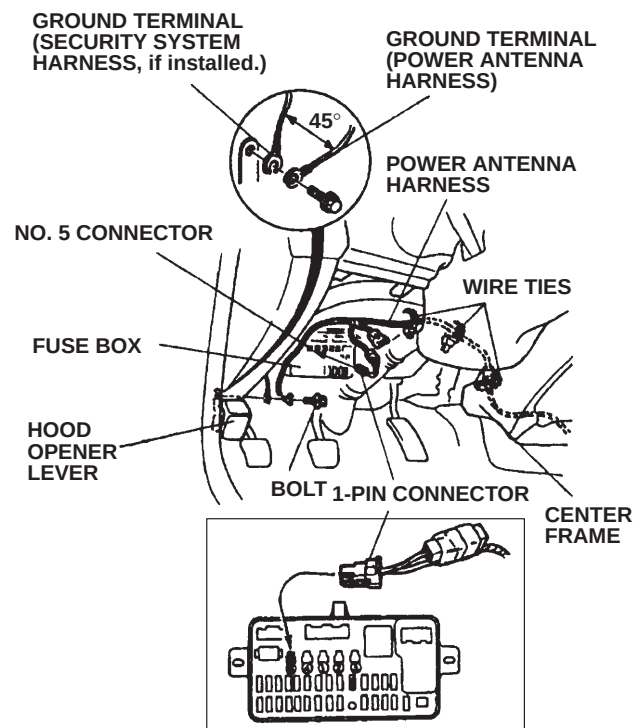
7. Remove the radio from the radio bracket. Refer to the Radio Installation Instructions furnished in the binder.

Routing the Power Antenna Harness

8. Route the power antenna harness (the end with the ground terminal and 1-pin connector with fuse) over the steering shaft. Route the other end to the right (passenger's side) of the vehicle under the center frame.



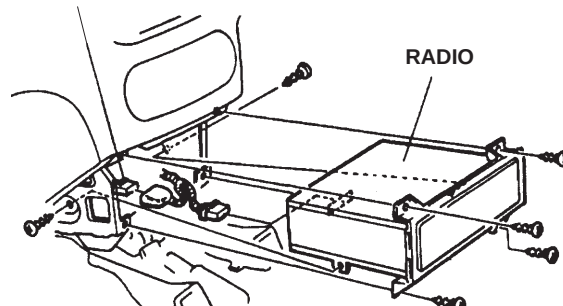
9. Plug the 1-pin connector of the power antenna harness into the No. 5 connector of the fuse box. (The other 1-pin connector is used when installing the security system.) Loosen the bolt fastening the top of the hood opener lever, and install the ground terminal of the power antenna harness to this bolt; then tighten the bolt.



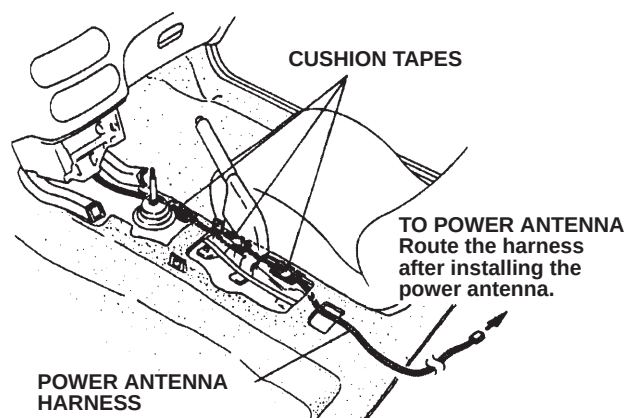
10. Secure the power antenna harness to the vehicle harness and the center frame with the three wire ties in the areas shown. Check that the power antenna harness is not sagging or pulled tight. If necessary, reinstall the wire ties.

11. Unplug the 16-pin connector from the rear of the radio, and connect the 16-pin connector of the power antenna harness in between.
12. Reinstall the radio.

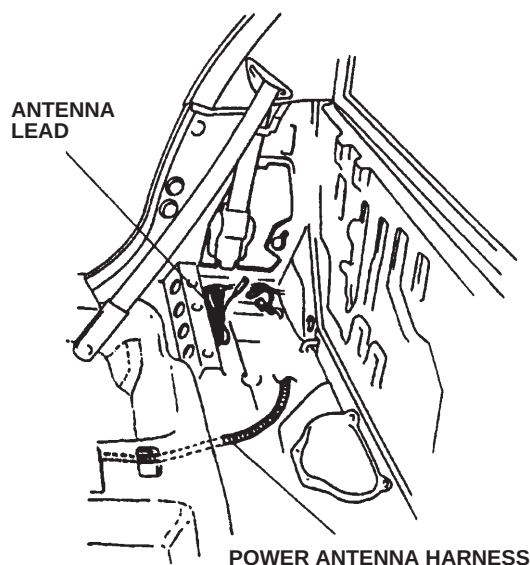
16-PIN CONNECTOR OF VEHICLE HARNESS



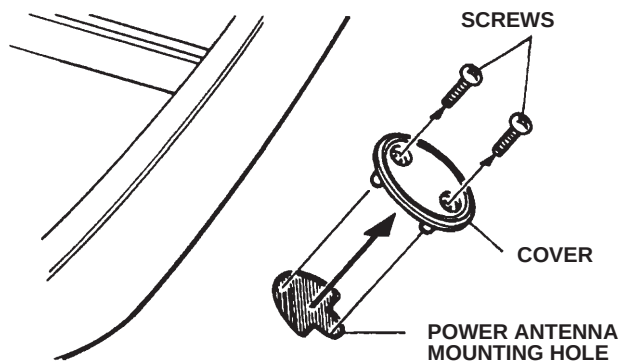
13. Route the power antenna harness toward the rear under the floor carpet.
14. Secure the power antenna harness to the floor with three cushion tapes.



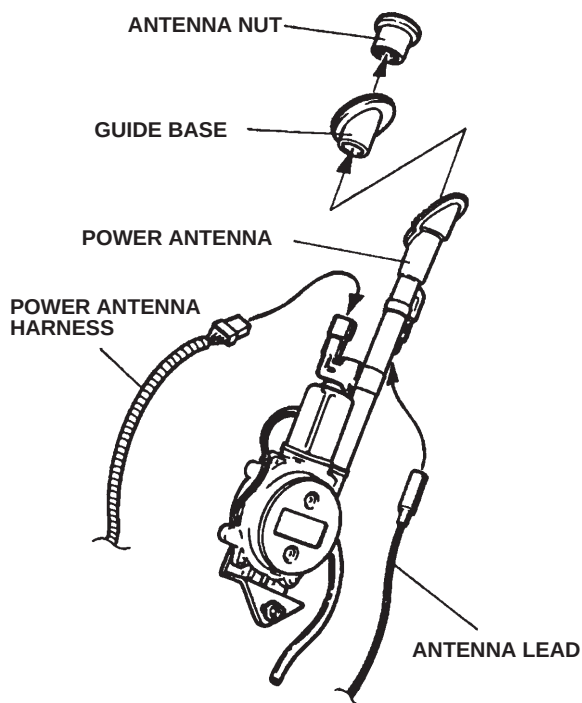
15. Remove the tape to free the antenna lead.



16. Remove the antenna cover (two screws).

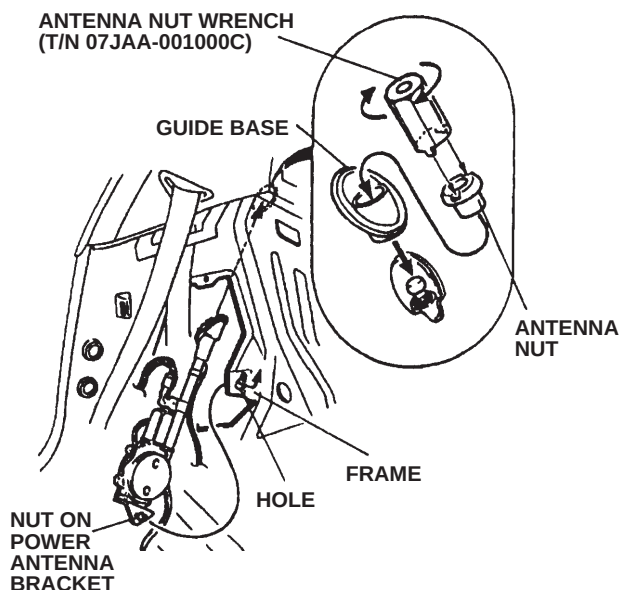


17. Remove the antenna nut and the guide base from the power antenna. Connect the antenna lead from the radio and the 3-pin connector of the power antenna harness to the power antenna.

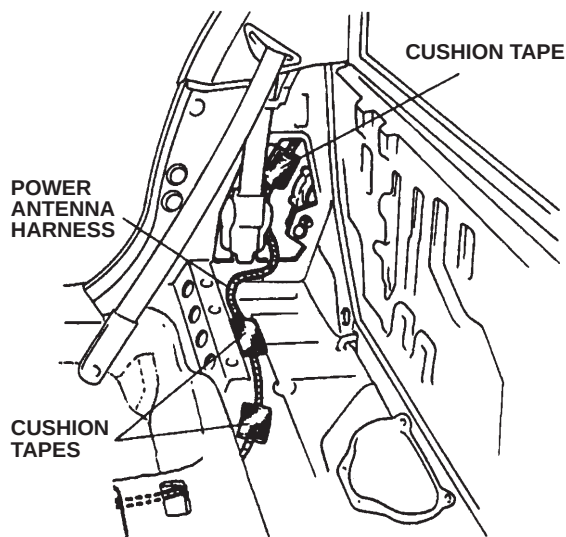


18. Set the power antenna into position with the stud on the antenna through the hole in the frame. Temporarily install a nut on the stud, and install the guide base and the antenna nut.

19. While pushing up on the power antenna, tighten the nut on the stud; then tighten the antenna nut using the special tool.



20. Secure the power antenna harness with three cushion tapes in the areas shown.



21. Check that all wire harnesses are plugged in and routed properly.
 22. Reinstall all removed parts.
 23. Reconnect the negative cable to the battery.
 24. Check the operation of the power antenna.
 25. Enter the customer's radio anti-theft code, if applicable, and reset the radio station presets.
 26. Reset the clock.

PUB No. Title
AI AII18046 1997 DEL SOL SEAT COVERS

Issued
08/31/1996

H HONDA INSTALLATION INSTRUCTIONS	Accessory SEAT COVERS P/N 08P32-SR2-100	Application 1997 DEL SOL	Publications No. All 18046
			Issue Date AUG 1996

PARTS LIST

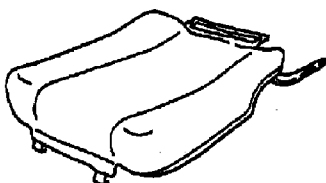
Cover, seat-back
(passenger's side)



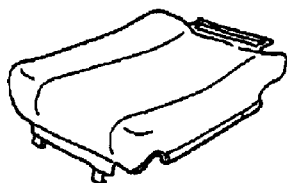
Cover, seat-back
(driver's side)



Cover, seat cushion
(passenger's side)



Cover, seat cushion
(driver's side)



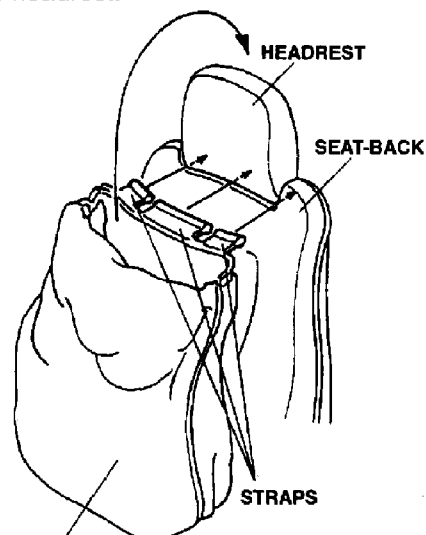
INSTALLATION

Before You Begin:

- The driver and passenger seat-back covers are marked with a tag sewn inside the cover; the seat cushion covers are not marked. Install the seat cushion covers with the flap toward the door, and the Velcro strap toward the center console.
- While installing the seat covers, you will need to move the seats back and forth.

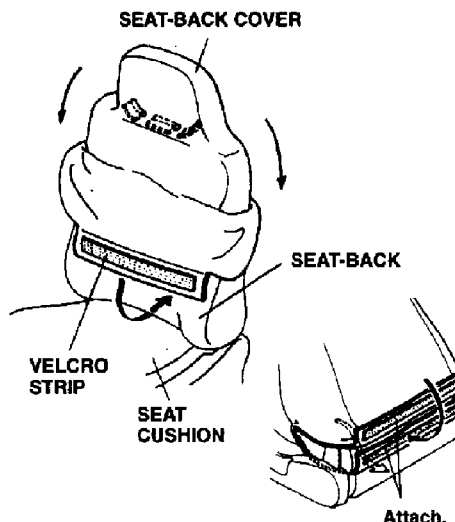
Installing the Seat-Back Cover

1. Fold the seat-back section of the cover inside out until you locate the straps sewn to the cover. Tuck the straps between the seat-back and the headrest.



Turn the cover inside out.

2. Fit the seat cover over the headrest, and down around the seat-back. Tuck the Velcro strip between the seat-back and the seat cushion, and out to the back of the seat.



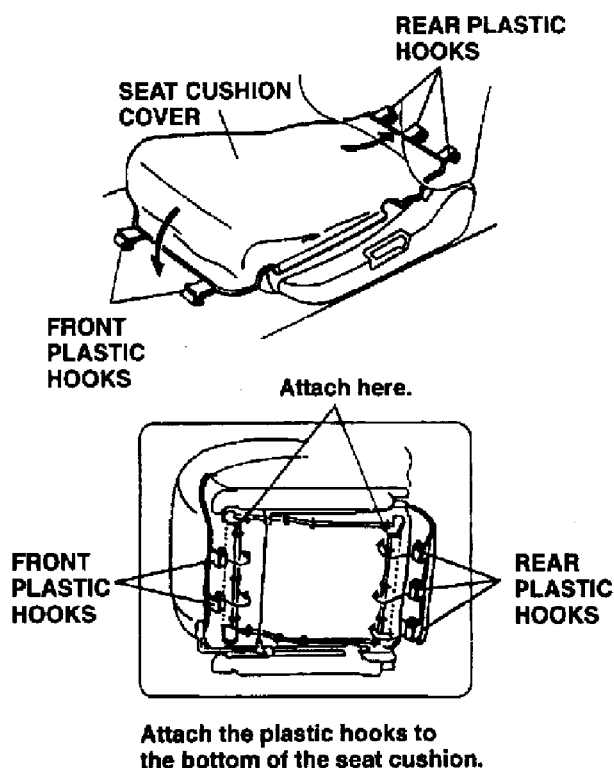
3. Grasp the Velcro strip, and attach it to the mating Velcro strip sewn inside the cover.

PUB No. Title
AI AII18046 1997 DEL SOL SEAT COVERS

Issued
08/31/1996

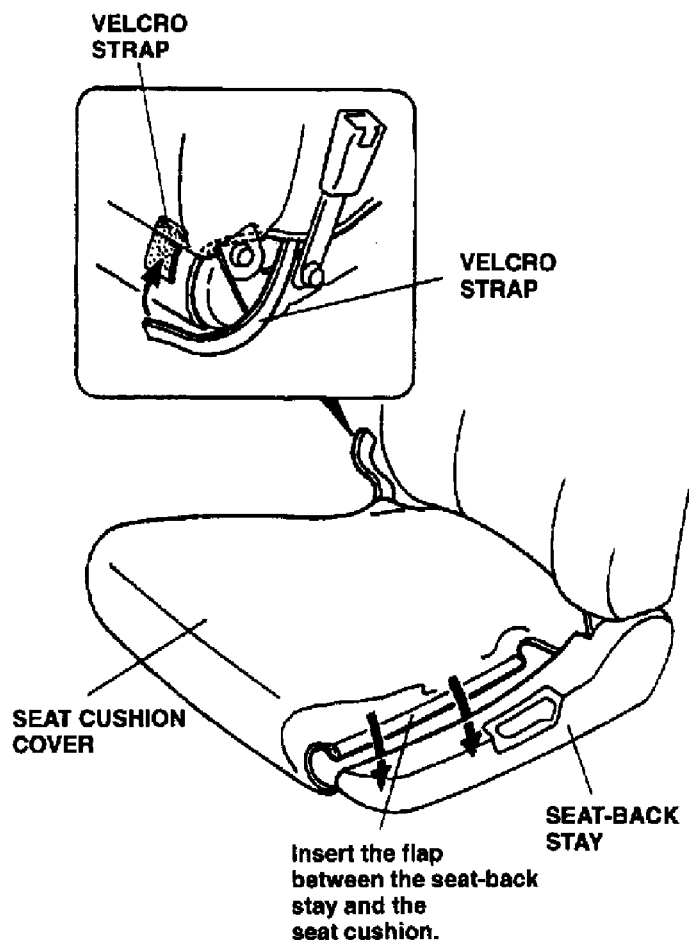
Installing the Seat Cushion Cover

4. Move the seat all the way forward; then fit the cover over the seat cushion.



5. At the front and the rear of the seat cushion, attach the plastic hooks to the bottom of the seat.

6. Smooth out any wrinkles; then tuck the flap on the outboard side between the seat cushion and the seat-back stay.



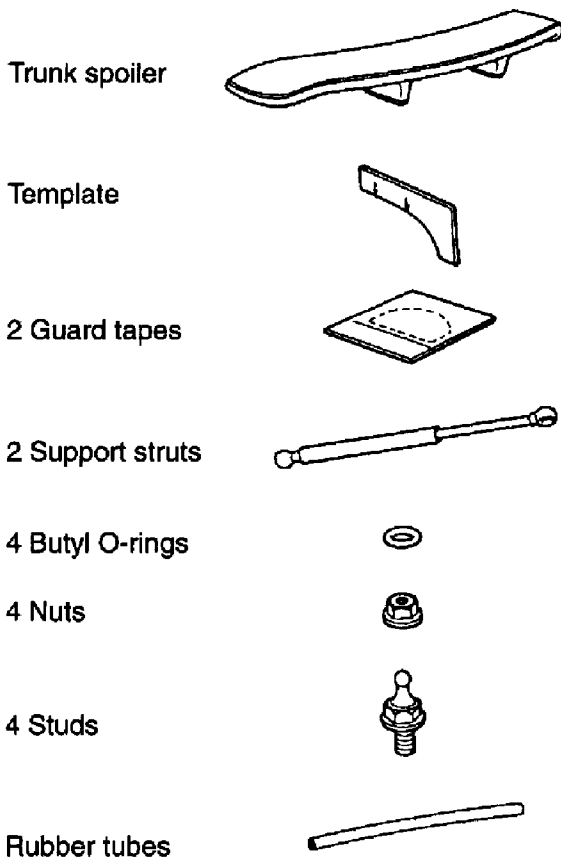
7. Route the Velcro strap over the hinge of the seat-back, and attach the strap to the mating Velcro strap on the cover.
8. Repeat steps 1 through 7 to install the other seat cover.

PUB No. Title
AI AII18041 1997 DEL SOL TRUNK SPOILER

Issued
08/31/1996

HONDA INSTALLATION INSTRUCTIONS	Accessory TRUNK SPOILER	Application 1997 DEL SOL	Publications No. All 18041
			Issue Date AUG 1996

PARTS LIST



TOOLS AND SUPPLIES REQUIRED

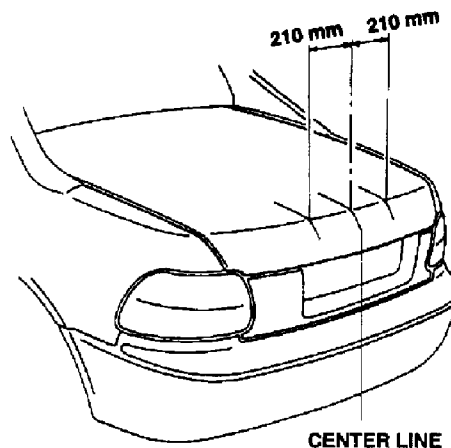
Drill
3 mm, 6 mm, and 8 mm Drill bits
Eye protection (face shield, safety goggles, etc.)
12 mm Combination wrench
Center punch
Hammer
File
Felt-tip pen
Metric tape measure
Touch-up paint
Packaging tape
10 mm Socket
Ratchet
Honda silicone spray or equivalent

INSTALLATION

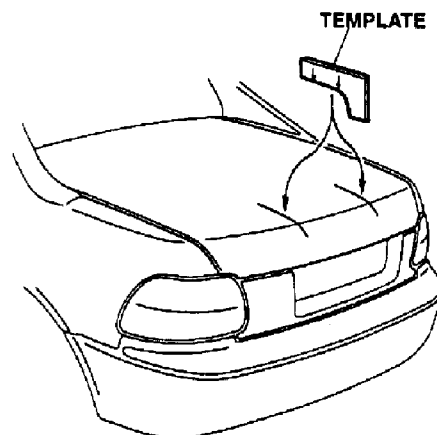
Before You Begin:

- Make sure the area to be covered is clean and has been waxed with a high-quality paste wax.
- If the roof is stored in the trunk, remove it before installing the trunk spoiler.

1. Determine the exact center point of the trunk lid by measuring from side to side and dividing that measurement in half. Make a mark on the trunk lid at the center line using a felt-tip pen.
2. Measure 210 mm from the left and right of the center line, and mark the trunk lid.



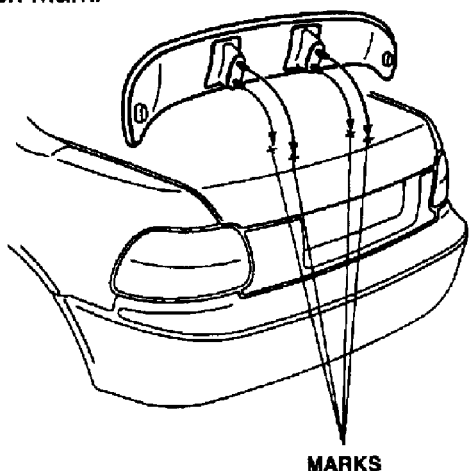
3. Position the template on the trunk lid at the measurements made in step 2, and mark the trunk lid at four points as indicated by the template.



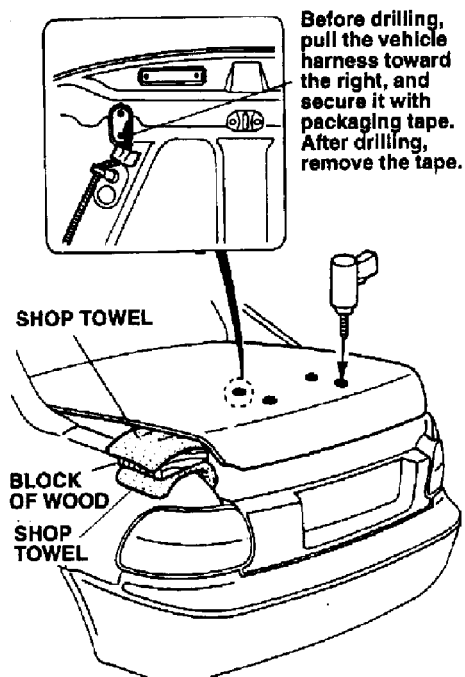
PUB No. Title
AI AII18041 1997 DEL SOL TRUNK SPOILER

Issued
08/31/1996

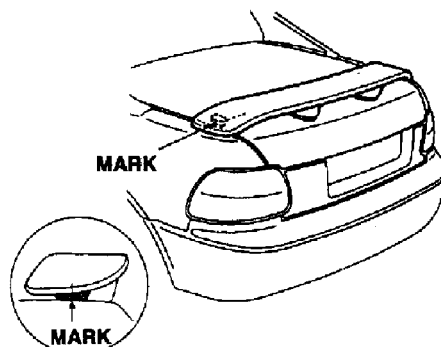
4. Hold the spoiler above the trunk lid and check that the marks made in steps 2 and 3 line up with the four studs protruding from the spoiler. When you are satisfied that the marks are aligned, remove the spoiler, and center-punch each mark.



5. Under the trunk lid, locate the vehicle harness, and tape it out of the way.
6. While wearing eye protection, drill four 8 mm holes in the trunk lid:
- Place a block of wood on shop towels between the trunk lid and fender.
 - Drill each punch mark with a 3 mm bit, then a 5 mm bit, and finish with an 8 mm bit.
 - After drilling, remove all burrs and apply touch-up paint.

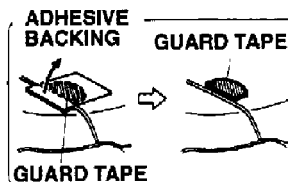
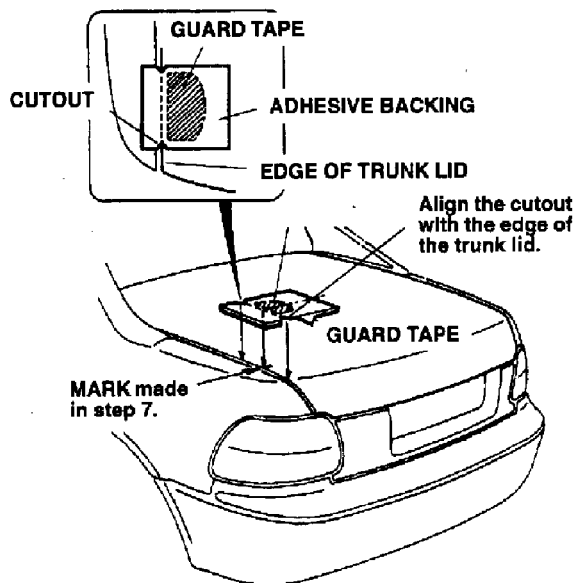


7. When the touch-up paint is dry, temporarily fit the spoiler into position on the trunk lid, and mark the edge of the trunk lid at the center of the rubber bushing. Repeat on the other side; then remove the spoiler from the trunk lid.



8. Attach the guard tapes to the trunk lid:

- Align the cutout of the guard tape with the edge of the trunk lid, centered with the mark made in step 7.
- With the guard tape centered, remove the adhesive backing and attach the guard tape to the trunk lid. Press firmly with the palm of your hand to adhere the guard tape to the trunk lid.

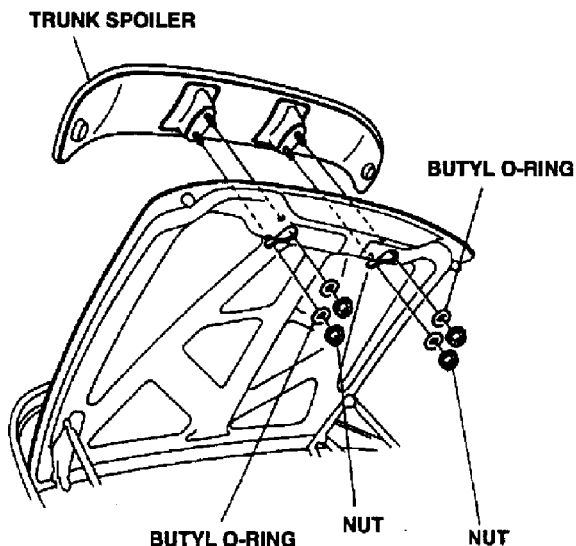


- Remove the remaining adhesive backing from the guard tape.
- Repeat on the other side of the trunk lid.

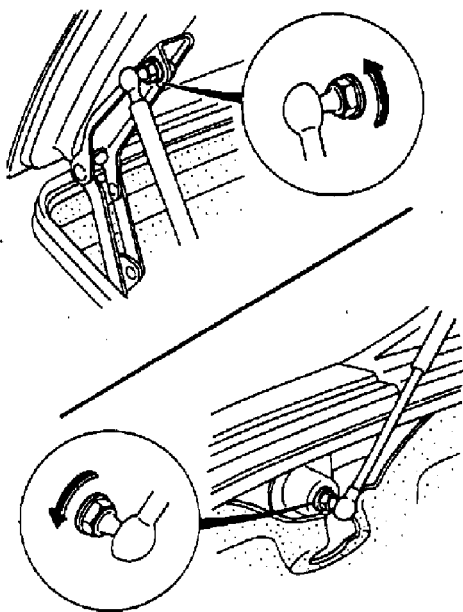
PUB No. Title
AI AII18041 1997 DEL SOL TRUNK SPOILER

Issued
08/31/1996

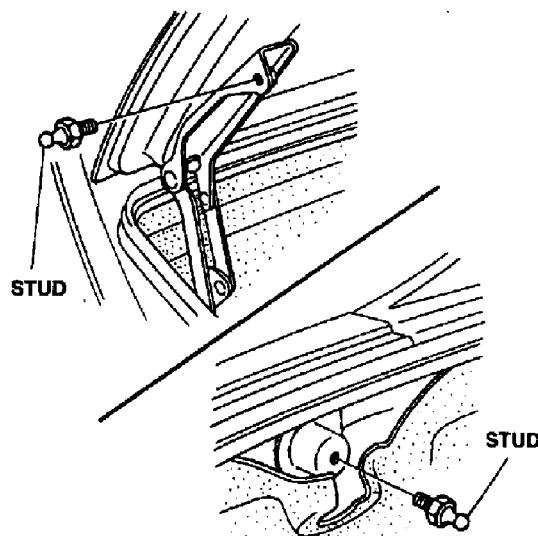
9. Fit the spoiler into position on the trunk lid. Install a butyl O-ring and a nut on each stud. Torque the nuts to 8 to 12 N·m (6 to 8 lb-ft).



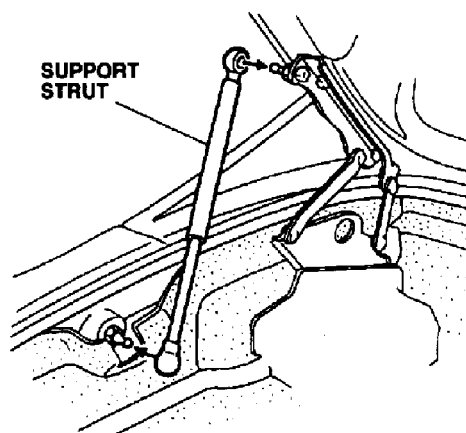
10. With an assistant holding the trunk lid open, install the new support struts included in the kit:
- Remove the mounting bolts at the top and the bottom of the support strut, and remove the strut.



- Install a stud into the top and bottom holes where the strut was removed.



- Press the new support strut onto the top and bottom studs.



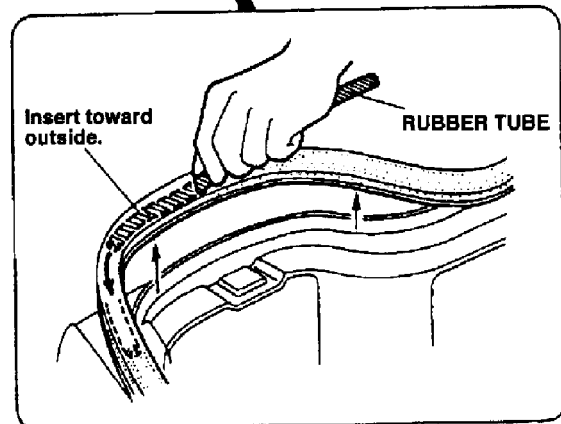
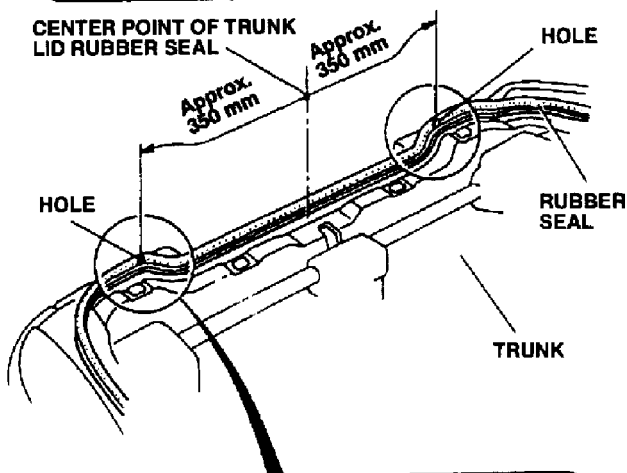
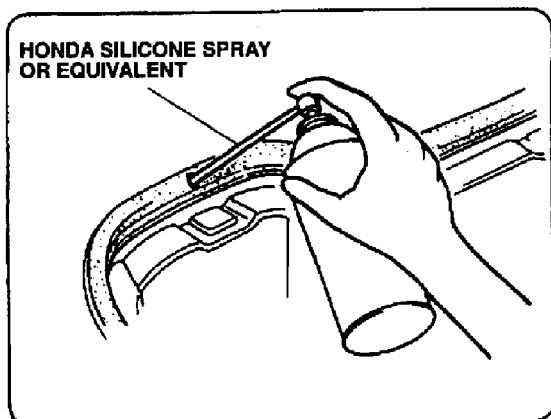
- Repeat on the other side.

PUB No. Title
AI AII18041 1997 DEL SOL TRUNK SPOILER

Issued
08/31/1996

11. Install the rubber tubes into the trunk seal:

- Find the hole in the rubber seal 350 mm from the center of the trunk.
- Lift the rubber seal off the body of the vehicle.
- Apply Honda silicone spray into the hole of the rubber seal and to the rubber tube.
- Insert the rubber tube into the rubber seal through the hole.



USE AND CARE

- Handle the spoiler with care. It is not designed to absorb shock or impact.
- Check the spoiler mounts frequently, and retighten them if necessary.

Model	Applicable To	File Under	Bulletin No.
1993 CIVIC DEL SOL	See VEHICLES AFFECTED	BODY	93-025
			Issue Date JULY 2, 1993

Civic del Sol Door Rattle

PROBLEM

A rattling or scraping noise from one or both doors when driving over bumps or rough roads.

VEHICLES AFFECTED

1993 Civic del Sol

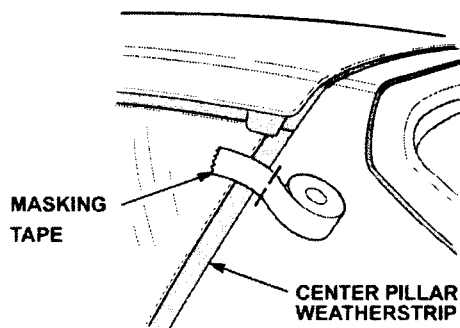
S: thru VIN JHMEG1... PS006878

Si: thru VIN JHMEH6... PS010576

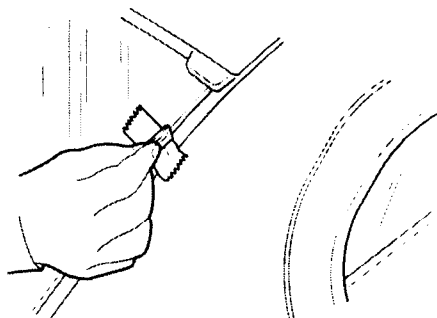
CORRECTIVE ACTION

Install the Door Kit listed under PARTS INFORMATION in both doors.

1. With the window up, place a piece of masking tape across the glass and the center pillar weatherstrip as shown.

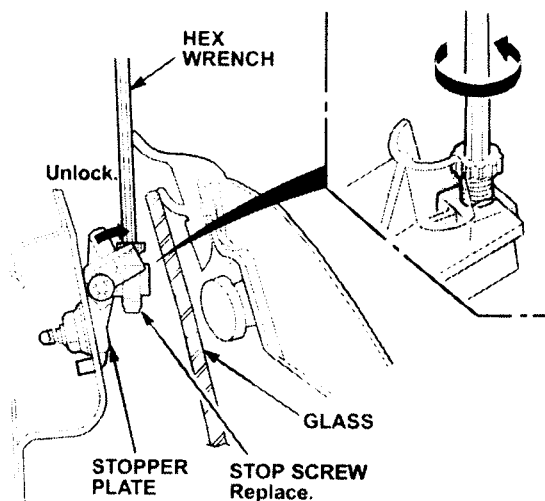


2. Draw a line across the tape with a pen; then, cut the tape in two along the glass edge with a razor blade. (In step 5, you'll match up the two lines on the tape to make sure you've adjusted the glass to its original height.)

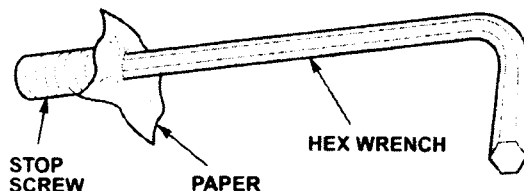


3. Lower the window; then, insert a 3 mm hex wrench into the rear stop screw. Tilt the wrench towards the glass to unlock the screw, and carefully remove the stop screw.

NOTE: Be careful not to drop the screw. If the screw is accidentally dropped, the door panel must be removed to recover the screw.



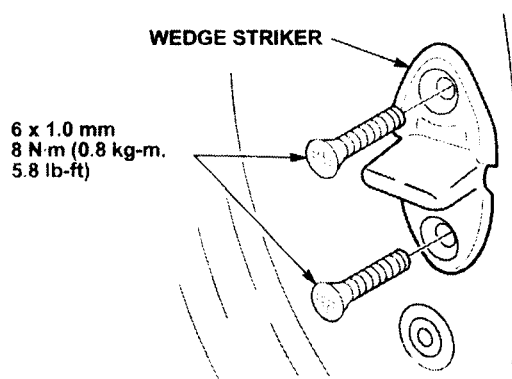
4. Hold a small piece of paper over the socket on the new stop screw; then, press the end of the wrench into the socket to hold the screw in place. Carefully install the screw into the stopper plate.



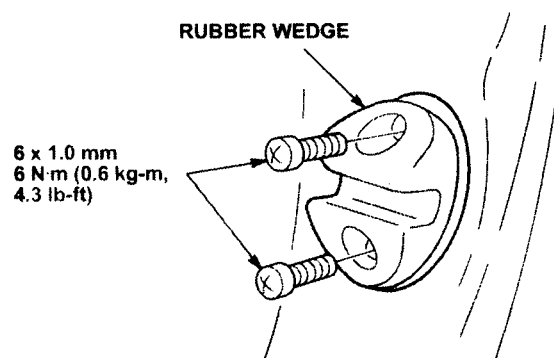
5. Using the line on the masking tape as a guide, adjust the new stop screw until the window is back to its original height when closed.

NOTE: One full turn of the stop screw equals 1 mm (0.04 inch).

6. Remove the original wedge striker from the door, and install the new one from the kit.



7. Remove the original rubber wedge from the door opening, and install the new one from the kit. Do not tighten the screws fully.



8. Open and close the door several times to center the wedge on the striker.
9. Tighten the wedge screws to the required torque.
10. Install the rest of the kit parts on the other door by following Steps 1 through 9.

PARTS INFORMATION

Door Kit

P/N 06721-SR2-305, H/C 4294997

WARRANTY CLAIM INFORMATION

In warranty: The normal warranty applies.

Out of warranty: Any repair performed after warranty expiration may be eligible for goodwill consideration by the District Service Manager. You must request consideration, and get the DSM's decision, before starting work.

Operation number: 826120

Flat rate time: 0.5 hour for both doors

Failed part: P/N 72143-SR2-000
H/C 4016606

Defect code: 043

Contention code: B07

BULLETIN DE SERVICE **HONDA** **SERVICE BULLETIN**

YEAR/MODEL ANNEE/MODELE	DATE OF ISSUE DATE EN VIGUEUR	BULLETIN NUMBER NUMERO DU BULLETIN
1993 CIVIC del-SOL	MAR. 12 / 1993	X - 2 - 93

* REVISED OCT. 08, 1993 TO MODIFY REPAIR PROCEDURES *

CIVIC del-SOL WATER LEAK REPAIR (SECOND REVISION)

Some 1993 Civic del-SOL models may leak water into the passenger compartment from the roof and door window area. Knowing how and when the leak occurs can help you diagnose the problem.

Some leaks are caused by a displaced weatherstrip when reinstalling the roof, others by unavoidable causes. The unavoidable causes are considered non-repairable due to the design of the car.

Use the information below to identify unavoidable and repairable leaks, conduct a water leak test, and perform the repair procedures necessary to correct the problem.

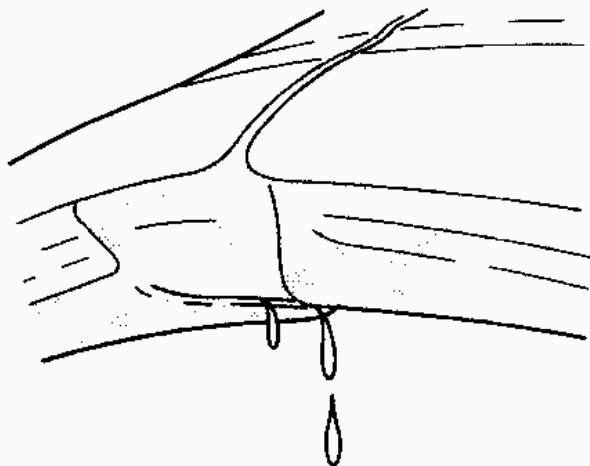
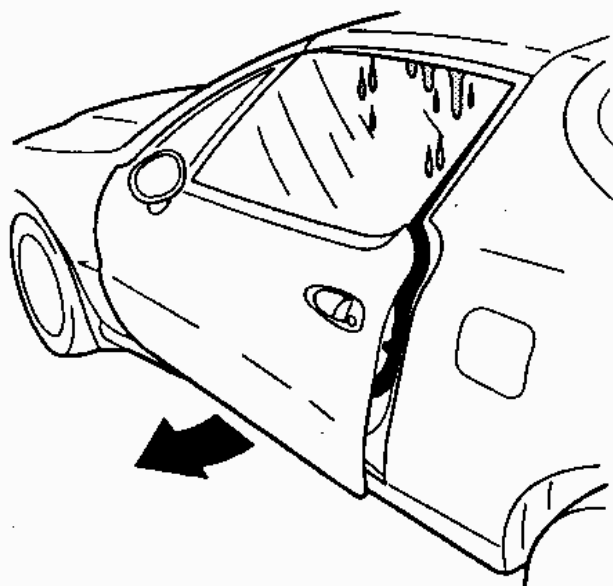
REVISED REPAIR PROCEDURE

*Changes have been made to improve the effectiveness of the repair. Carefully note all the revisions. Changes have been marked **NEW** for easy identification.*

AFFECTED UNITS: 1993 CIVIC del-SOL **All**

UNAVOIDABLE LEAKS:

- When you open the door, water from the roof drips on the seat.



- When a high-pressure nozzle, or a self-serve type car wash with high-pressure water is used to wash the car.

- After you close the door, one or two drops of water fall from the front pillar weatherstrip drip rail.

REPAIRABLE LEAKS:

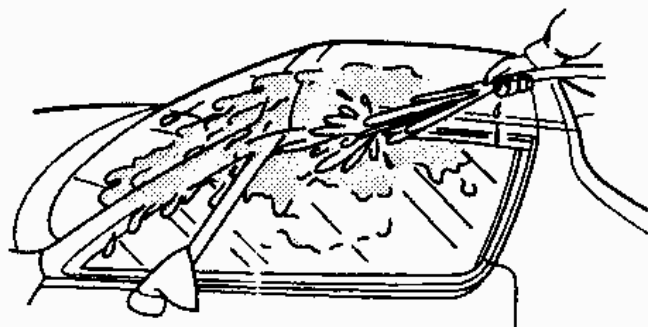
- When the car is sitting in the rain.
- When driving the car in the rain.
- When using a hose without a nozzle to wash the car.

To confirm that the leak is one of the repairable types, test the car by following the General Water Leak Instructions.

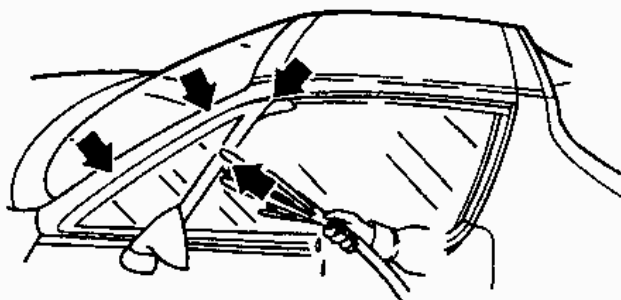
GENERAL WATER LEAK INSTRUCTIONS:

Have an assistant sit inside the car to verify the location of the leak. Use a free-flowing hose running at full stream. Test the car as follows:

1. Hold the water hose above the roof with your thumb over one-third of the hose opening. The water should hit the car with about the same pressure as a heavy rain.



2. Direct the water at the "A" pillar as shown by the arrows. Make note of the direction of the hose when the leak occurs.



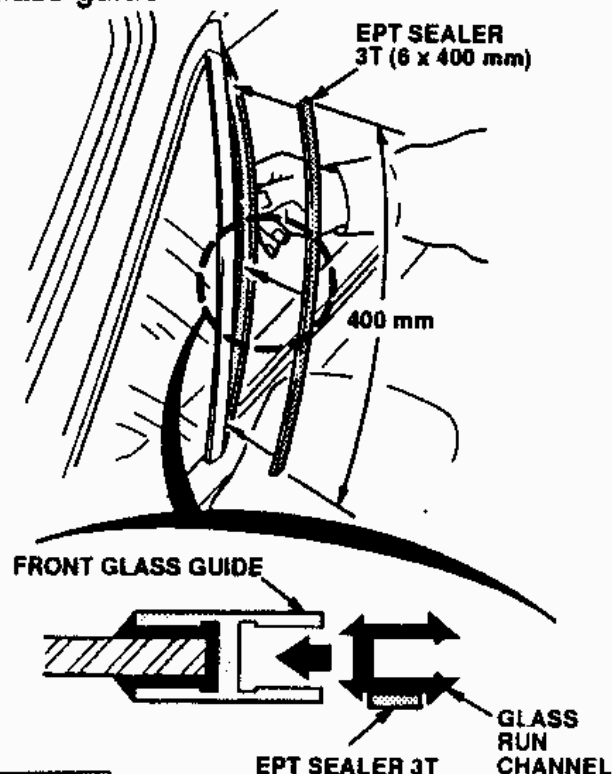
Once the leaks are noted, perform the repairs listed under Repair Procedure.

REPAIR PROCEDURE:

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Regardless of where the water is leaking, perform steps 1 through 26 on both sides of the car.

1. Open the door and lower the window.
2. Pull the door glass side of the glass run channel out of the front glass guide.
3. Cut a piece of EPT Sealer 3T to 6 x 400 mm. Apply the EPT to the outside edge of the glass run channel as shown; then, reinstall the runchannel into the front glass guide.



NOTICE

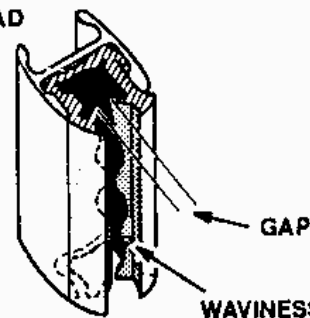
Make sure that the EPT is not sticking out of the front glass guide after installing the glass in the run channel.

4. Check for gaps or waviness between the inner lip of the run channel seal and the glass. If there are no gaps and the seal lays flat, go to step 7. If you find gaps, continue with step 5.

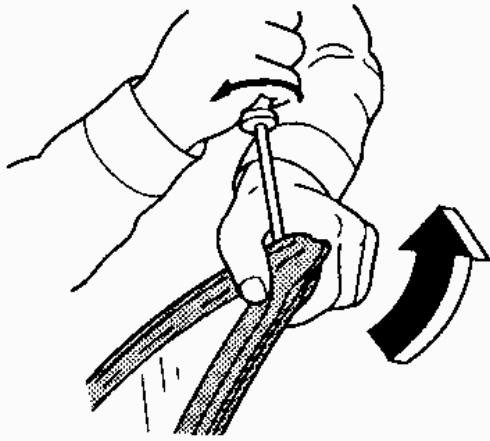
GOOD



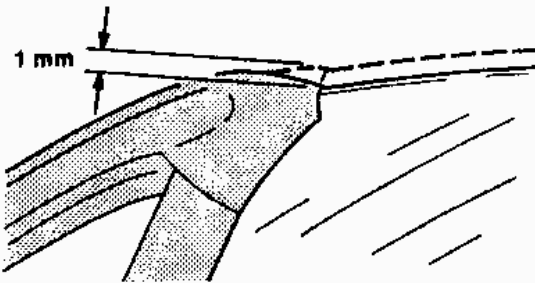
BAD



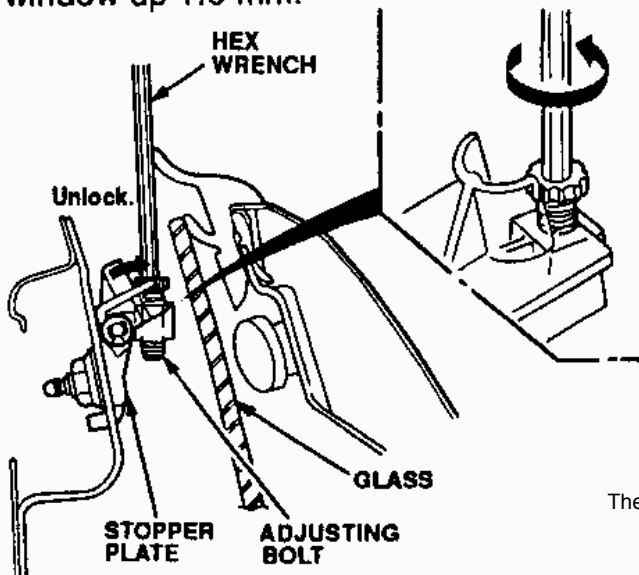
5. Remove the screw, and gently roll the very top of the rubber seal back in the direction of the arrow shown.



6. Mold the run channel seal around the quarter window glass until there are no gaps and the seal lays flat. The entire surface of the inner lip of the run channel seal must contact the glass. Reinstall the screw.
7. Roll up the window, and check that the top of the door glass pushes up on the run channel seal 1.0 mm when the window stops.

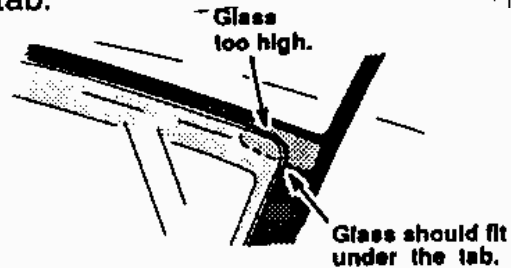


8. If necessary, adjust the window glass height. Roll the window down completely; then, unlock the front and rear stopper plates. Turn both of the stopper plate adjusters, equally, one full turn counterclockwise, to move the window up 1.0 mm.

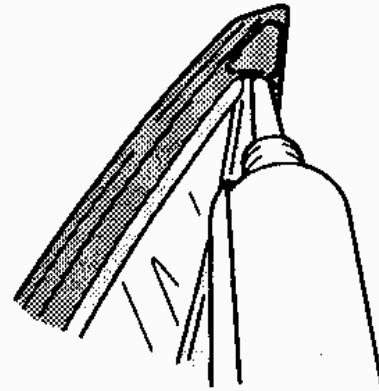


Open and close the door several times to ensure that the glass fits under the tab.

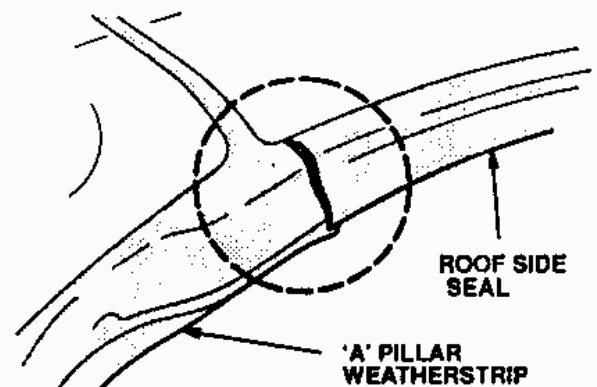
172



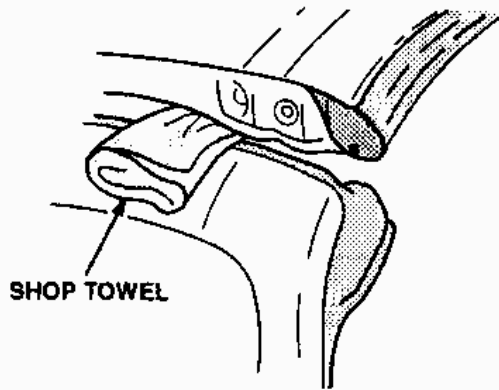
9. Apply 3M Auto Body Sealant - Clear (3M P/No. 08405, or equivalent) to the upper outside edge of the glass run channel. Apply enough to fill the cavity. Roll your thumb down from top to bottom to squeeze out the excess. Clean any remaining adhesive off the surface with 3M General Purpose Adhesive Cleaner (3M P/No. 08984 or equivalent) on a shop towel.



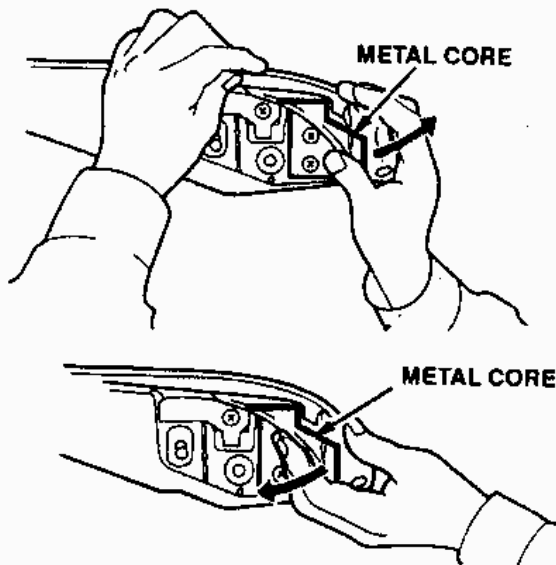
10. Check that the roof side seal and the "A" pillar weatherstrip are flush at there mating surfaces. If the roof side seal is not flush with the "A" pillar weatherstrip, adjust the roof side seal.



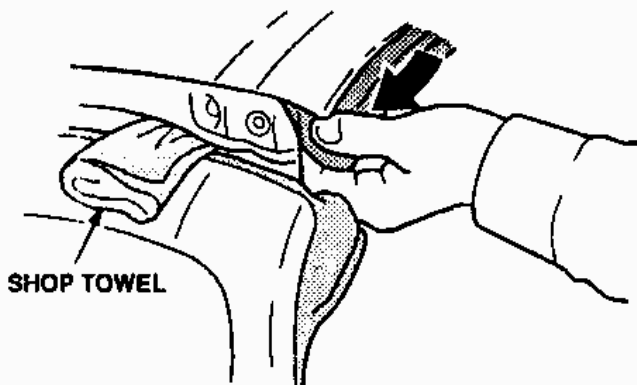
11. Unlock and lift up the front edge of the roof. Place a shop towel between the roof and the "A" pillar weatherstrip to support the roof.



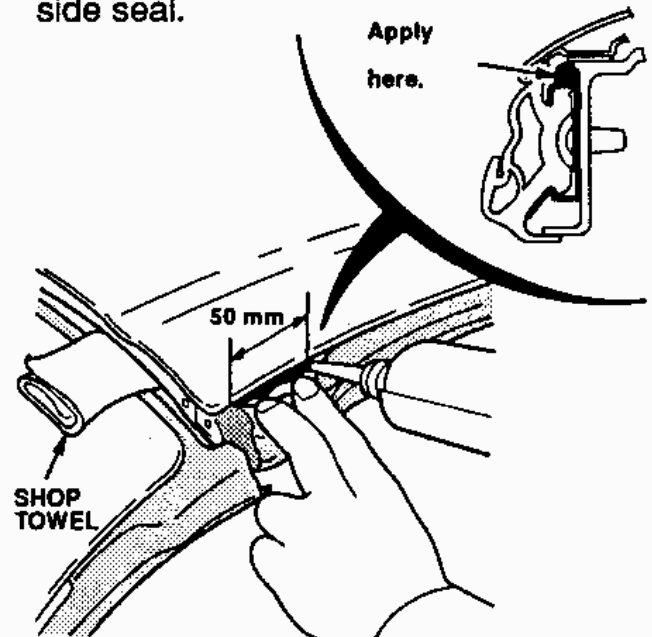
12. Adjust the roof side seal by bending the metal core in or out to obtain a flush fit with the "A" pillar weatherstrip. Remove the shop towel, and check the fit.



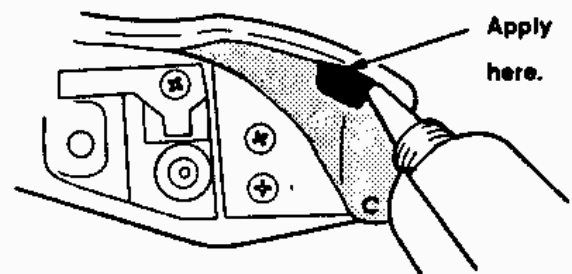
13. Unlock the roof, and adjust the roof side seal by bending the metal core in and forward to increase the seal tension.



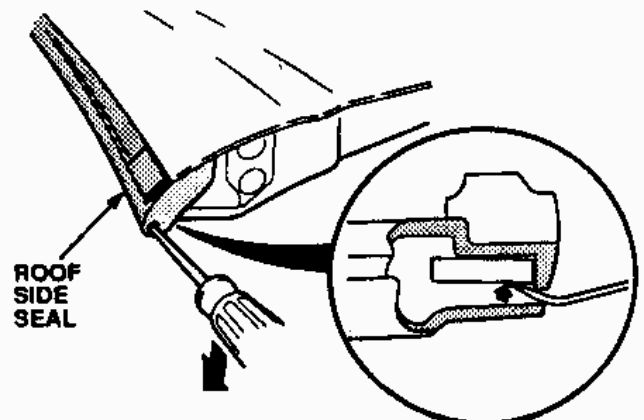
14. Once a flush fit is obtained, place a shop towel back under the roof at the "A" pillar weatherstrip. Pull down on the top edge of the roof side seal; then apply a 50 mm long bead of 3M Auto Body Sealant - Clear (3M P/No. 08405, or equivalent) under the side seal, and over the inner edge of the side seal.



15. Apply the same sealant into the gap on the end of the roof side seal as shown; then remove the shop towel from the front of the roof.

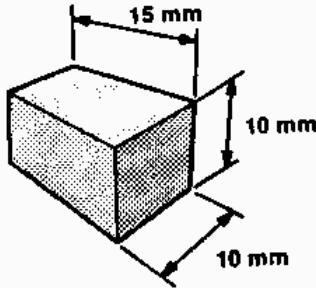


16. Raise the rear of the roof, and insert a bent screwdriver into the hole at the end of the roof side seal. Push the existing soft plug UP to create space.

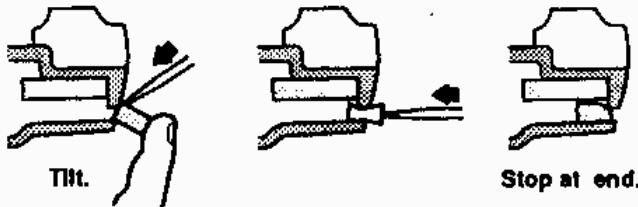


17. If the plug *does not* move up easily, it already has a piece of EPT Sealer, and this correction has been completed. Go to step 21. If the plug *does* move easily, you need to add a piece of EPT Sealer; continue with step 18.

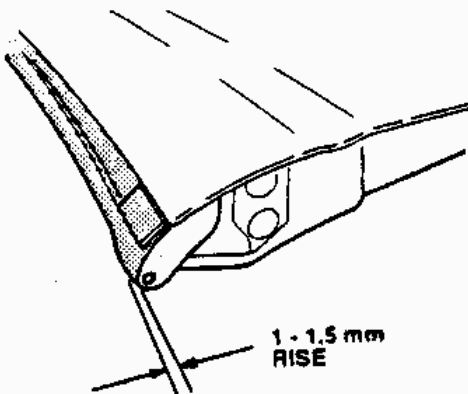
18. Cut a piece of EPT Sealer 10T to an approximate size of 10 x 15 mm to form a soft plug.



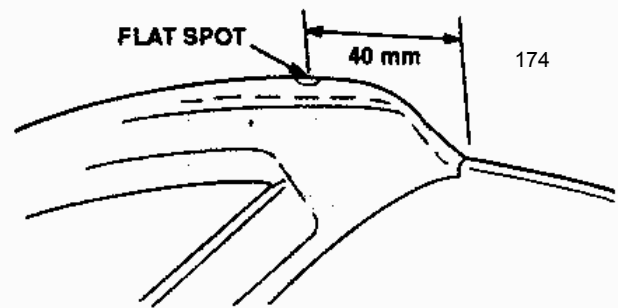
19. Insert the soft plug into the roof side seal as shown.



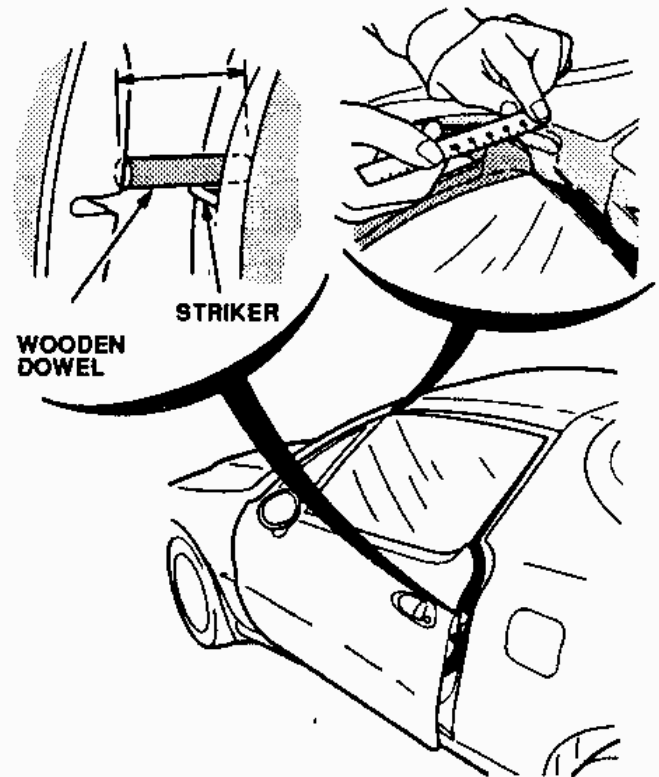
20. Lock the roof, and check the outside of the seal. The additional soft plug should create a rise in the outside surface of the roof side seal of 1.0 mm.



21. Find the flat spot on the seal, located approximately 40 mm from the end of the quarter window seal as shown. Place a piece of adhesive tape on the painted portion of the "A" pillar, directly across from the flat spot.



22. Open the door, and place a piece of wooden dowel, 102 mm long, on top of the striker; then slowly close the door until the door contacts the wood.



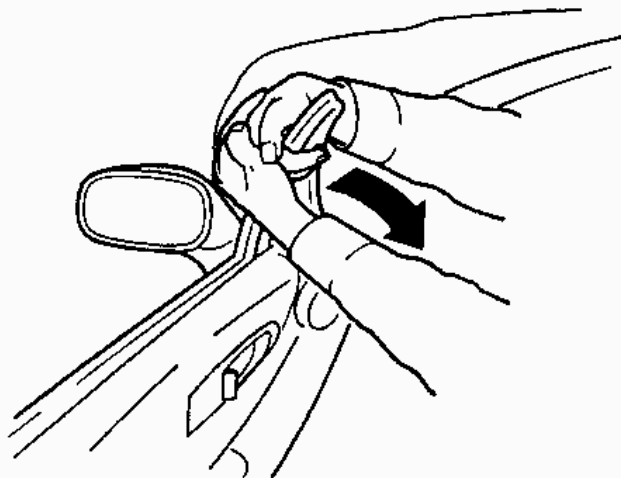
23. Measure and record the distance from the flat spot to the closest painted edge of the "A" pillar. This distance should be 38 to 40 mm.

- If the distance is O.K., go to step 26.
- If it is less than 38 mm, adjust the window camber outward. Place the head of a rubber mallet between the "A" pillar and the top of the quarter glass window seal; then gently close the door. After adjustment, go to step 25.
- If the distance is greater than 40 mm, continue with step 24.

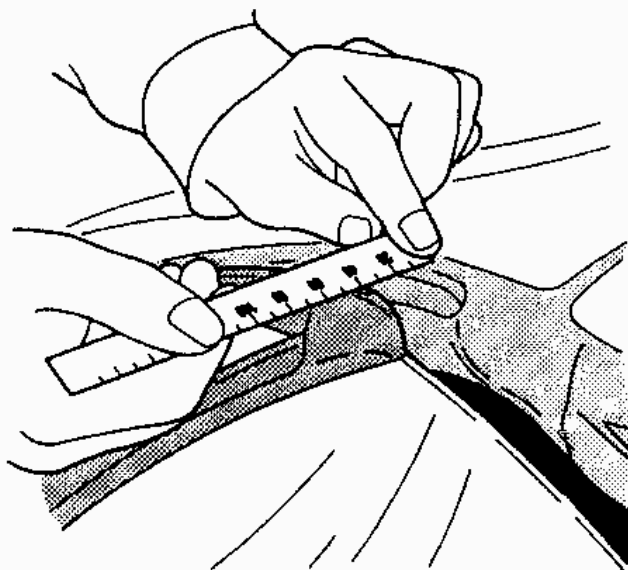
24. Adjust the window camber inward 1.0 mm from the measured distance by carefully bending the quarter window frame. Sit in the seat and support the inside of the door with your knee; then, pull the top of the quarter glass window frame toward you with firm slow pressure.

NOTICE

Be sure to grasp the side of the quarter window (as shown in the illustration), to protect your hands and the "A" pillar seal from the sharp window tip core.



25. Reposition the dowel on the striker and measure the distance. The distance should be 38 to 40 mm.



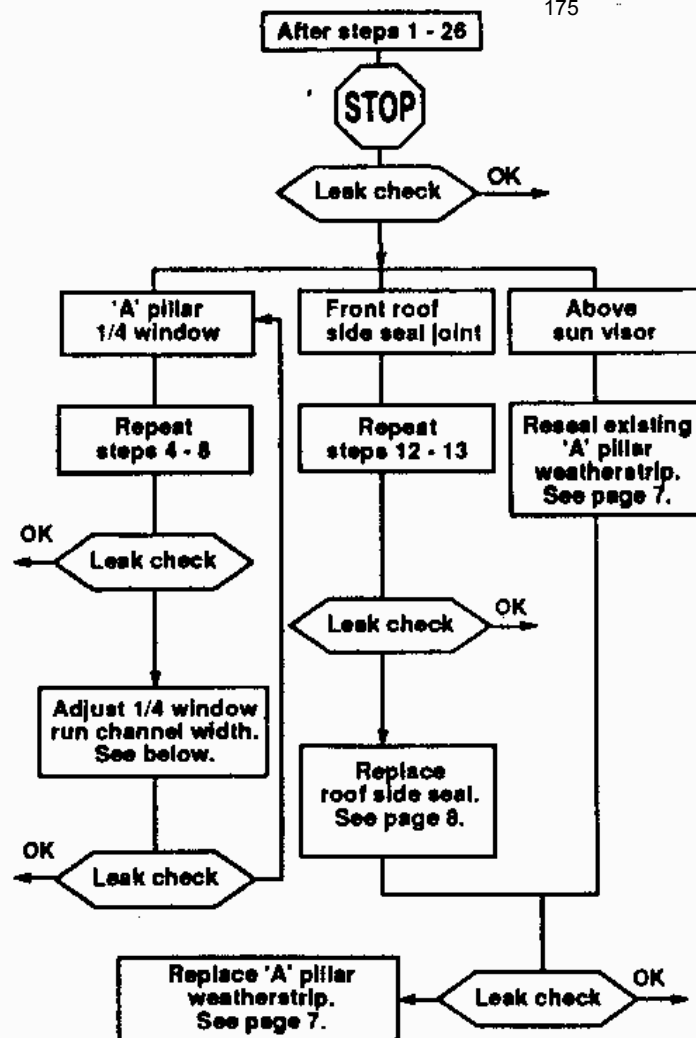
26. Once the distance is correct, perform a leak check using the General Water Leak Instructions.



Use the flow chart to guide you through the repair of any persisting leak.

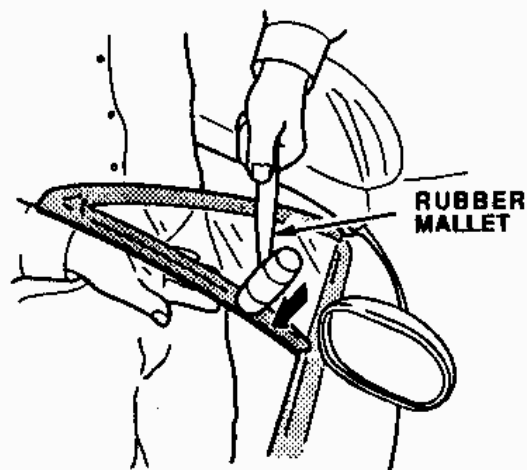
The del Sol guide

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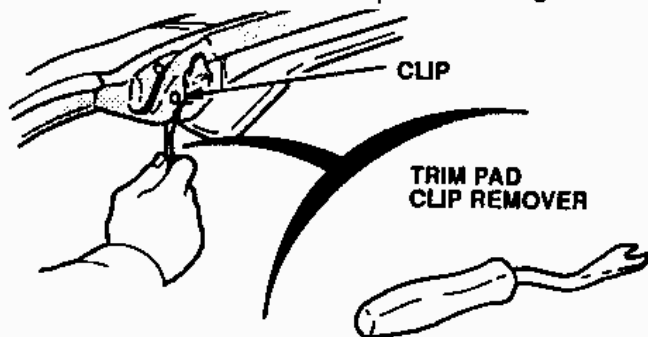
ADJUSTMENT OF RUNCHANNEL WIDTH:

If a leak persists at the top of the door glass at the run channel, then with one hand behind the quarter glass frame, hit the frame with a rubber mallet to squeeze the run channel together.



"A" PILLAR WEATHERSTRIP REPLACEMENT

1. Remove the roof and store it in the trunk.
2. Remove the round clips from the top and bottom of the "A" pillar weatherstrip on both sides with a clip removing tool.

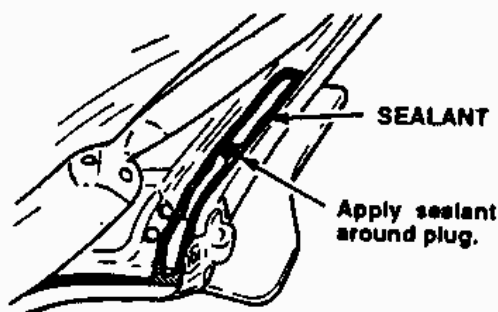


3. Remove the 2 screws on both sides; then, remove the "A" pillar weatherstrip.

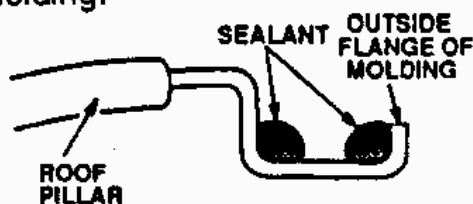
NOTICE

The "A" pillar weatherstrips have metal cores. Remove the weatherstrip carefully to avoid scratching the paint.

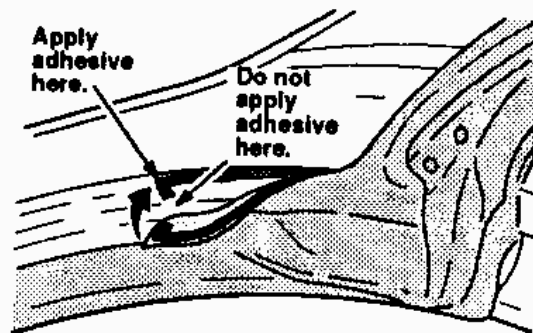
4. Remove all traces of the old sealer from the "A" pillar and weatherstrip with 3M General Purpose Adhesive Cleaner (3M P/No. 08984 or equivalent) and a shop towel. If the old sealer is not removed, the weatherstrip will not seal properly.
5. Apply 3M Auto Body Sealant - Clear (3M P/No. 08405, or equivalent) along the roof molding as shown, and along the full length of the "A" pillar.



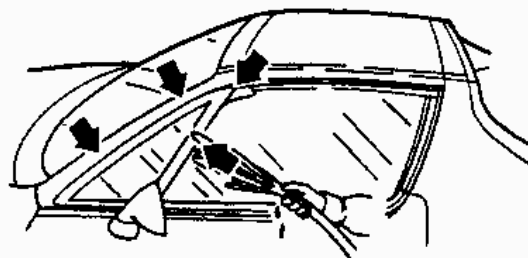
6. Be sure the sealant is on both edges of the inside and outside flanges of the roof molding.



7. Apply 3M Weatherstrip Adhesive (3M P/No. 80119 or equivalent) to the underside of the weatherstrip as shown below. Leave an open space where indicated, for air to escape.



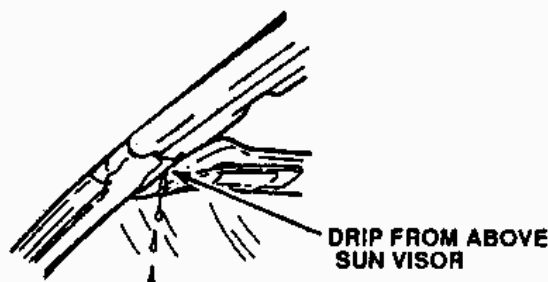
8. Press the weatherstrip into position, and allow the adhesive to set.
9. Reinstall the screws and clips on each side of the weatherstrip.
10. Lock the roof down, and water test the area to check for leaks.



"A" PILLAR WEATHERSTRIP RESEALING:

NOTICE

The following steps are for resealing the existing weatherstrip only.



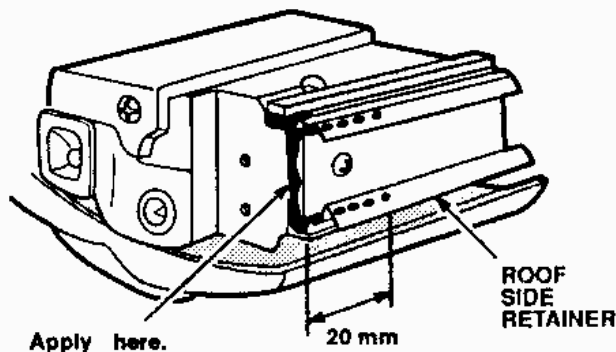
1. Lift the existing "A" pillar weatherstrip; then, remove *all traces of the old sealer* from the "A" pillar with 3M General Purpose Adhesive Cleaner (3M P/No. 08984 or equivalent) and a shop towel. If the old sealer is not completely removed, the weatherstrip will not seal properly.

2. Apply the 3M Auto Body Sealant - Clear (3M P/No. 08405, or equivalent) the same way as shown in the replacement instructions, steps 5 through 8.

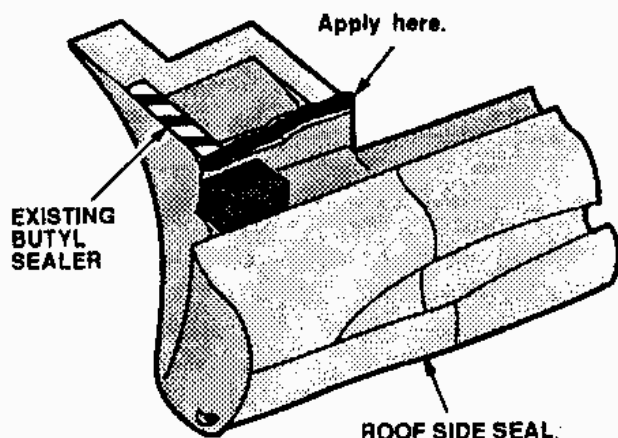
ROOF SIDE SEAL REPLACEMENT:

Replace the roof side seal using the procedure below. Not following this procedure will result in new leaks.

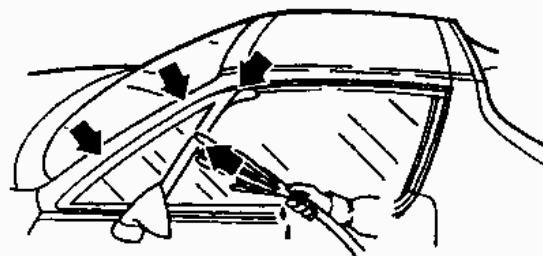
1. Prepare a soft surface to set the roof on so it will not be dented or scratched. Remove the roof, and place it up side down on this surface.
2. Remove the roof side seal; then, clean and remove *all traces of the old sealant*. At the front of the roof side retainer, apply a 4 to 5 mm thick bead of 3M Auto Body Sealant - Clear (3M P/No. 08405, or equivalent) as shown.



3. At the front of the roof side weatherstrip, apply a 4 to 5 mm thick bead of 3M Auto Body Sealant - Clear (3M P/No. 08405, or equivalent) as shown.



4. Install the weatherstrip, and tighten the screws.
5. Lock the roof down, and water test the area to check for leaks.



PARTS INFORMATION:

<u>Part Number</u>	<u>Description</u>	<u>Qty</u>
3M P/N 08405	Auto Body Sealant (Clear)	As req'd
3M P/N 80119	Weatherstrip Adhesive	As req'd
3M P/N 08984	Adhesive Cleaner	As req'd
06990-SA5-000	EPT Sealer 3T	As req'd
06992-SA5-000	EPT Sealer 10T	As req'd
72320-SR2-003	Weatherstrip Front Pillar	As req'd
85191-SR2-003	Side Seal, Left	As req'd
85141-SR2-003	Side Seal, Right	As req'd

WARRANTY INFORMATION:

Normal basic warranty applies. Use the information provided to complete the claim.

Def.Part No.: 72320-SR2-003

Defect Code: 059

WATER TEST, RESEAL, ADJUST AND RETEST

F.R.T.: 1.2 Hrs

Labour Oper.No. 815770

Material Allowance: \$5.00

REPLACING "A" PILLAR WEATHERSTRIP ADD

F.R.T.: add 0.4 Hrs

Labour Oper.No. 815770A

Do not claim for the EPT Sealer, Body Sealant, or Weatherstrip Adhesive, claim only for the material allowance indicated.

Repairs may only be performed to resolve a customer complaint. Preventive repairs will be denied.

Model	Applicable To	File Under	Bulletin No.
1993-95 DEL SOL	ALL	BODY	93-004
			Issue Date NOV 28, 1994

S/M Supplement: del Sol Water Leak Repair (Supersedes 93-004, dated September 10, 1993)

PROBLEM

Water leaking from the roof or the door windows.

CORRECTIVE ACTION

This bulletin has been completely revised. If you haven't been trained in this repair by a Honda instructor, call your DSM and schedule the training before you attempt to fix a leaking del Sol roof.

- Follow the procedures under DIAGNOSIS:
 - Verify the leak as shown in the Water Leak Test.
 - Record the leak location, and choose the correct repair in Leak Locations and Repairs.
- Inspect and adjust the seals indicated by DIAGNOSIS.
- Replace seals that still leak after proper adjustment.

Because old and new seals do not fit together properly, you must replace *all four seals* if you replace *any* seal on a car manufactured before the following VINs:

S: JHMEG1 . . . RS006413
Si: JHMEH6 . . . RS007531
VTEC: JHMEG2 . . . RS002959

MATERIALS REQUIRED

- 3M General Purpose Adhesive Cleaner:
P/N 051135-08984 (1-quart can)
- Cemedine Sealer: P/N 08712-0004,
H/C 4601035 (3-ounce tube)

- HondaBrite All Surface Cleaner (for cleanup):
P/N 08732-0020A, H/C 3481298 (case of 12)
- Silicone Grease: P/N 08798-9013, H/C 4642294 (or Lithium Dielectric Grease: P/N 08798-9001)
- Plastic scraper (available from local paint stores)

PARTS INFORMATION

Cars built *before* the VINs in CORRECTIVE ACTION may need:

Roof Seal Kit: P/N 72999-SR2-999, H/C 4605929

- "A" pillar seal
- "B" pillar seal
- Left side roof seal
- Right side roof seal
- Tube of Cemedine (3 ounce)
- 2 screw grommets (P/N 91620-SR2-003,
H/C 4020939)

Cars built *after* the VINs in CORRECTIVE ACTION will not need Roof Seal Kits; if a seal has been damaged and must be replaced, order only that individual seal.

WARRANTY CLAIM INFORMATION

In warranty: The normal warranty applies.

Out of warranty: Any repair performed after warranty expiration may be eligible for goodwill consideration by the District Service Manager or your Zone Office. You must request consideration, and get a decision, before starting work.

OPERATION NUMBER	DESCRIPTION	FLAT RATE TIME
815770	Water test, adjust, and retest.	1.6 hrs
A	(Before VINs listed) Replace "A" pillar seal, "B" pillar seal, both roof side seals, and retest. (After VINs listed) If necessary to replace an individual seal, use the operation already in the Flat Rate Manual.	2.4 hrs

Failed part: P/N 72320-SR2-003, H/C 4016838

Defect code: 059

Contention code: B06

DIAGNOSIS

These conditions are *not* considered leaks:

- Water running off the roof drips inside when you open the door or roll down the window.

NOTE: The later design "A" pillar seal has built-in diverters to reduce this effect but, under certain conditions, some water may still drip inside the car.

- After you close the door, one or two drops of water fall from the "drip rail" on the "A" pillar seal.
- Condensation forms on the glass, between the inner and outer sealing surfaces of the "B" pillar seal or roof side seals.
- Water under high pressure leaks past a seal. The seals cannot remain watertight under pressures that distort their installed shape.

Water entering from around the roof is considered a leak if it occurs with the car in any of these situations:

- Sitting in the rain.
- Being driven in the rain.
- Being washed with a free-flowing hose.

You can stop these leaks if you diagnose the problem and make repairs exactly as described in this bulletin.

Water Leak Test

Follow these steps to determine where the roof is leaking, then go on to Leak Locations and Repairs, record your test results, and choose the correct repair.

Service Advisor

- Have the customer show you where the water is coming in, and note the location(s) on a copy of the leak location sheet (Y0390) provided with this bulletin.
- Ask the customer if the leak occurs when the car is:

- ☐ being driven?
- ☐ being washed?
- ☐ sitting in the rain?
- ☐ sitting level?
- ☐ sitting on an incline?

- Tell the customer that improper roof installation can cause leaks. Show them how to install the roof so the ends of the side seals fit properly against the "A" pillar and "B" pillar seals.

Technician

- Hook up a 5/8 inch diameter garden hose to a faucet, turn the water on, and adjust the flow rate to about 5 gallons in 30 seconds. Mark the position of the faucet handle at that rate, and then turn the faucet off. **Do not use any type of pressure or sprayer attachment.**
- Have an observer sit in the car and watch for water on the sun visor, "A" pillar, door panel, and inside of the glass, and mark on the location sheet where it's coming in.

- Turn the faucet on (up to the mark you made), and hold the hose so water flows freely over the roof as shown in steps 1 and 2 for **five minutes** in each direction.

1.



2.



- Continue testing by holding the free-flowing hose at each **front** location shown in steps 3 thru 7 for **twenty seconds**. Have your observer watch for water around the areas shown on the location sheet.

3.



4.



5.



6.

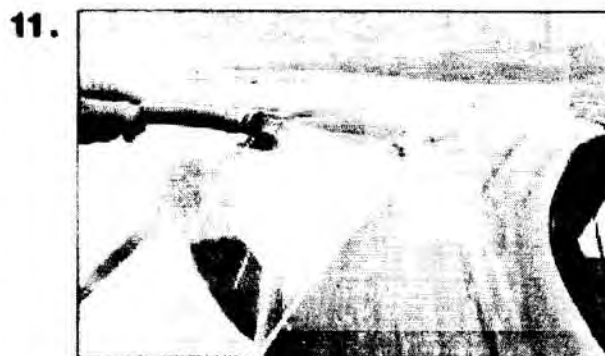


7.



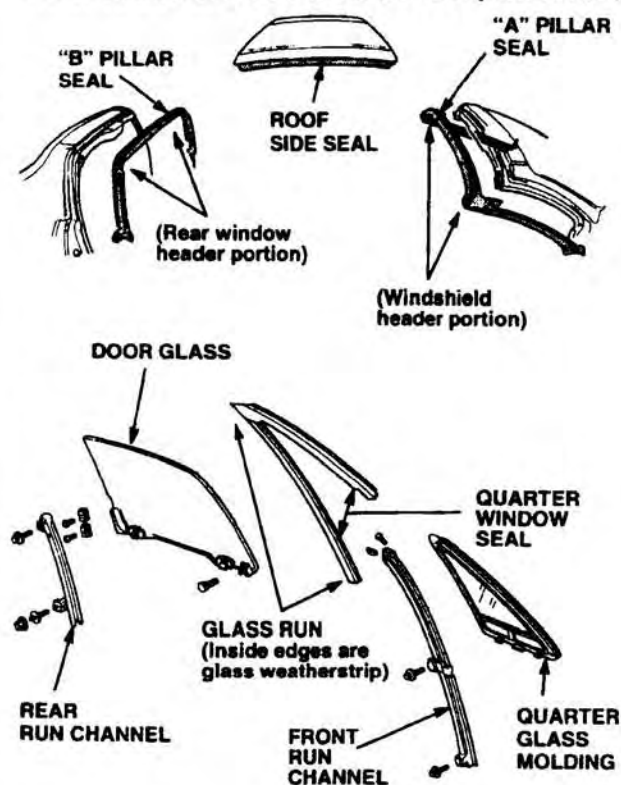
- Continue testing by holding the free-flowing hose at each **rear** location shown in steps 8 thru 11 for twenty seconds.

NOTE: Water flowing down between the rear edge of the glass and the inner lip of the "B" pillar seal is normal. The water should flow out the bottom of the seal without entering the passenger compartment. This is also true of the roof side seal between the edge of the glass and the top of the gutter.



- Repeat leak tests 1 thru 11 on the other side of the car.

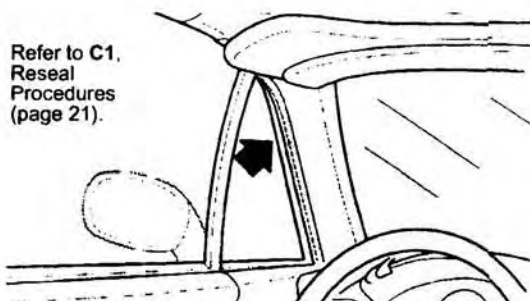
Refer to this illustration for correct part names



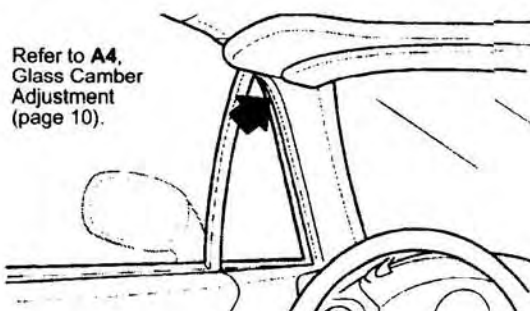
Leak Locations and Repairs

After verifying a leak, match it with one of the following illustrations, and refer to the repair listed (the black arrows represent leaks; the passenger's side is the same as the driver's).

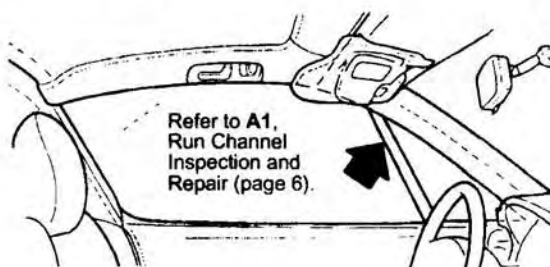
☐ Quarter Window to Frame, or Glass to Molding



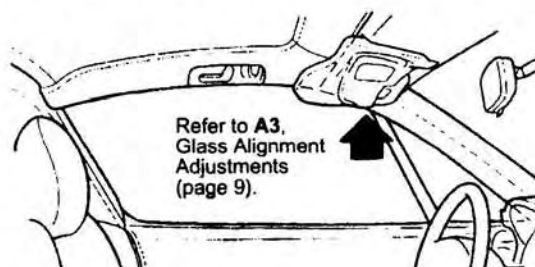
☐ Quarter Window Seal to "A" Pillar Seal



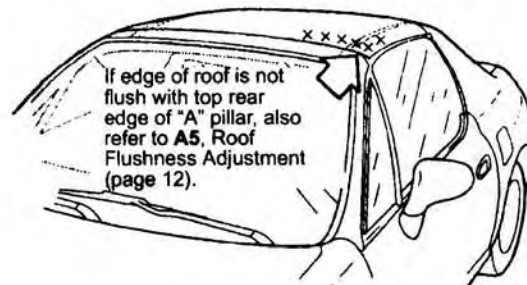
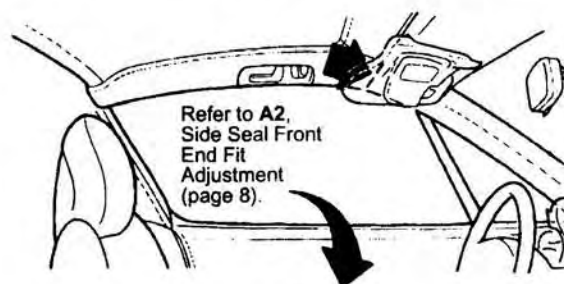
☐ Glass Run Weatherstrip to Door Glass



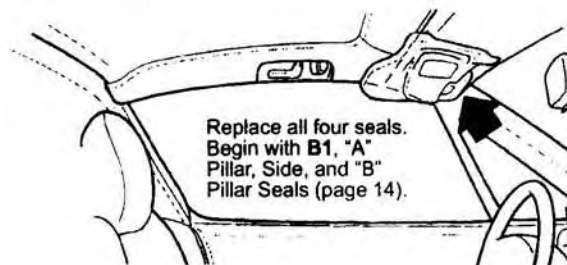
☐ Top of the Glass Run



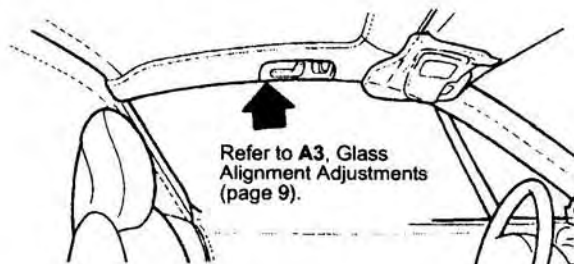
☐ Side Seal Front End to "A" Pillar Seal



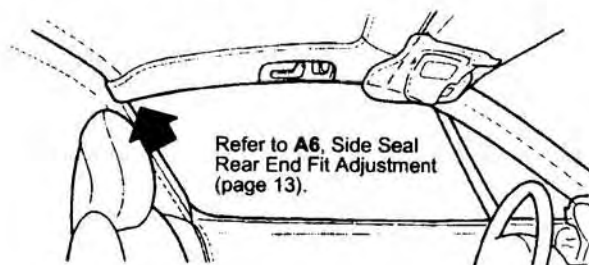
☐ "A" Pillar Seal to "A" Pillar (drips off sun visor)



□ Side Seal to Door Glass



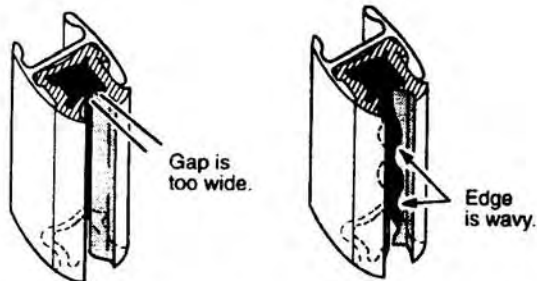
□ Side Seal Rear End to "B" Pillar Seal



ADJUSTMENT PROCEDURES

A1 — Run Channel Inspection and Repair

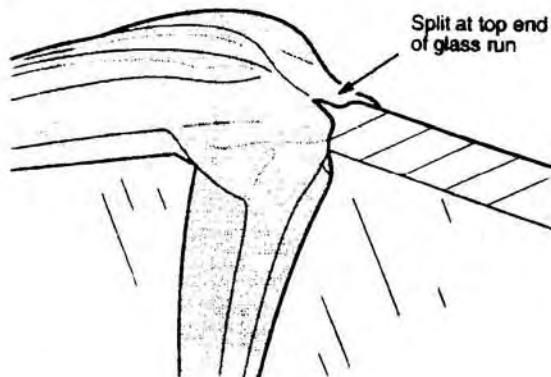
Water can get around the front edge of the door glass through gaps in the weatherstrip. The gaps may be caused by the glass run riding up in its channel (the edges of the weatherstrip look wavy), or by the channel being too wide (the weatherstrip edges are straight but don't touch the glass).



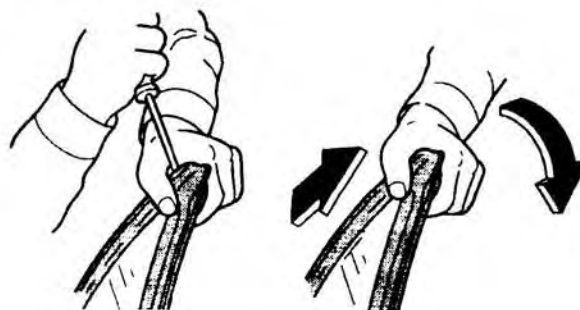
1. With the window up, inspect the top end of the glass run.

- If the corner is torn, cracked, or split, go to **B2** (page 20), and replace the run.

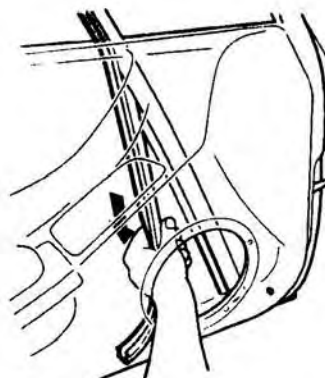
- If the corner is OK, go to step 2.



2. Roll the window down, loosen the screw in the top of the quarter window, and pull the top of the quarter window seal up and toward the rear of the car.



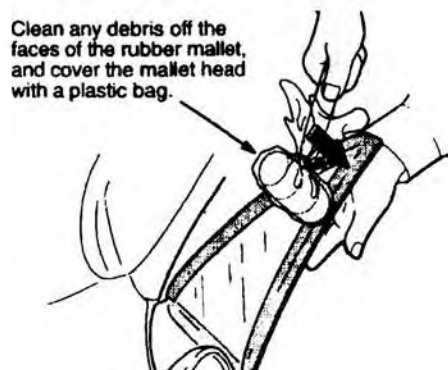
3. Pull the glass run out of its channel (to break the surface adhesion), and then push it back in, and roll the window up.
4. Remove the door speaker cover, speaker, and protective housing. Then reach through the opening and pull the bottom of the run out of the lower part of its channel. Pull down on the run until the edges of its weatherstrip are straight.



5. Press the run back into its channel. Then push the 20 to 40 mm excess length forward under the end of the channel and up past the end of the door weatherstrip clip, as shown, to keep the run in place.

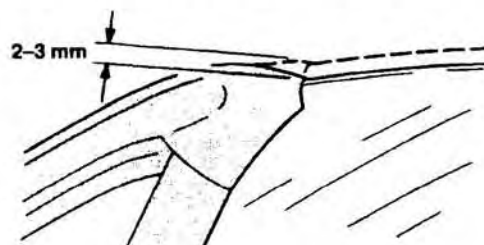


6. With the window rolled all the way down, use a soft rubber mallet to carefully narrow the top 100 mm of the run channel. Support the inside of the run channel with your hand while you work.



7. After one pass with the mallet, roll the window all the way up. If the glass chatters or binds against the weatherstrip, widen the channel by gently spreading it with a pair of flat-nose, snap-ring pliers.
8. Roll the window all the way down, and lightly lube the glass run with Silicone (or Lithium Dielectric) grease.

9. With the door open, roll the window all the way up, and check that the top of the door glass pushes the end of the glass run up 2 to 3 mm. If more than 3 mm or less than 2 mm, go to A3, step 3 (page 10) and adjust the glass height.



10. Squeeze some Cemedine up under the "eyelid" of the quarter window seal. This will keep water from getting under the top of the quarter window seal and dripping down on the inside of the glass.

- First put a piece of masking tape under the edge of the "eyelid" to catch any excess Cemedine.
- Fill the cavity with Cemedine, let the excess flow out onto the tape, and then remove the tape.



- Clean off any remaining sealant with 3M General Purpose Adhesive Cleaner (P/N 051135-08984) on a shop towel.

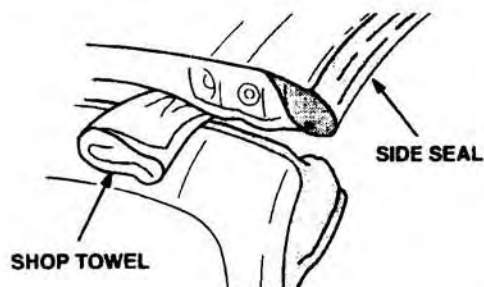
NOTE: Repeat this procedure anytime the top of the quarter window seal is pulled away from the frame around the quarter window glass.

11. Leak test the repaired area. If it still leaks, repeat steps 6 and 7, and leak test the area again. If the leak persists, reevaluate your diagnosis.

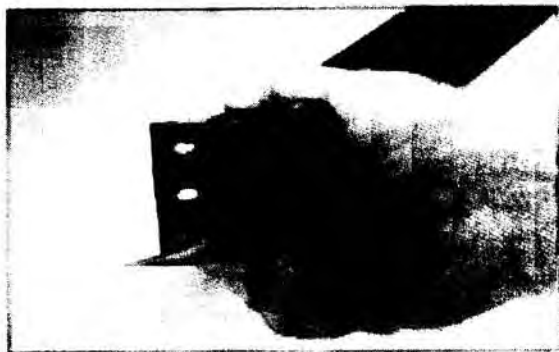
A2 — Side Seal Front End Fit Adjustment

Flushness with the "A" Pillar Seal

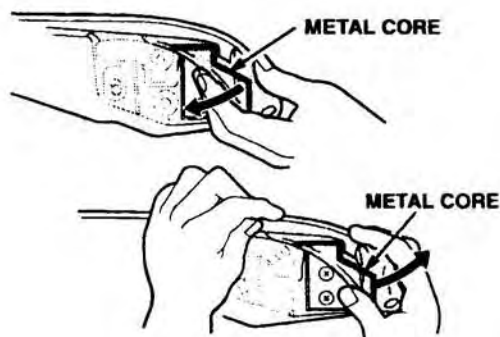
1. Check that the end of the side seal is flush with the "A" pillar seal.
 - If the seals are flush, go to step 4.
 - If the seals are not flush, go to step 2.
2. Leave the doors open. Unlock both sides of the roof, then lift its front edge, and place a folded shop towel under it so you'll have access to the end of the side seal.



3. Adjust the end of the side seal to make it flush with the "A" pillar seal:
 - *New-type side seals:* (Cars made in May 1994 and later, and some earlier repaired cars.) These seals have slotted screw holes in their end brackets. To adjust the end of the seal, loosen the screws and reposition flush with the "A" pillar seal, then tighten the screws.



- *Original side seals:* (Cars made before May 1994.) Adjust the end of the side seal by carefully bending its metal core in or out as needed to make it flush with the "A" pillar seal. After the adjustment, remove the towel, lock the roof, and check the fit. Repeat until the fit is flush.

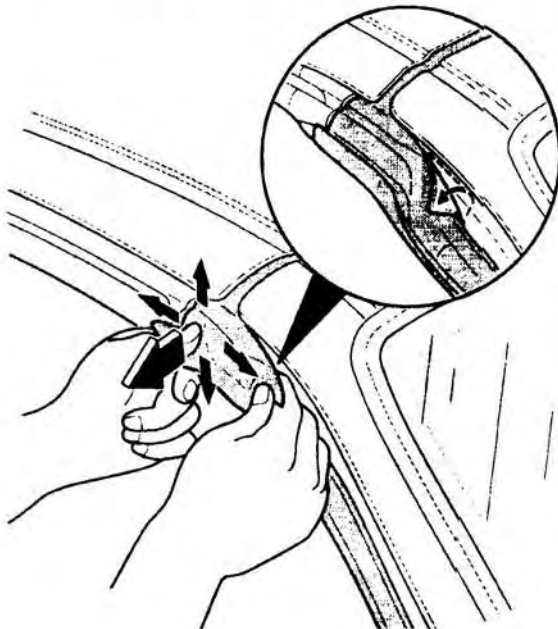


Compression of Side Seal to "A" Pillar Seal

4. Check that the end of the side seal fits tightly against the "A" pillar seal. If the fit is too loose (or too tight, deforming the seal), adjust the side seal and, if necessary, the "A" pillar seal.
 - *Side Seal:* Pull the middle of the seal out of its retainer, then stretch the seal to the position you want, and hold it there while you push it back into the retainer.

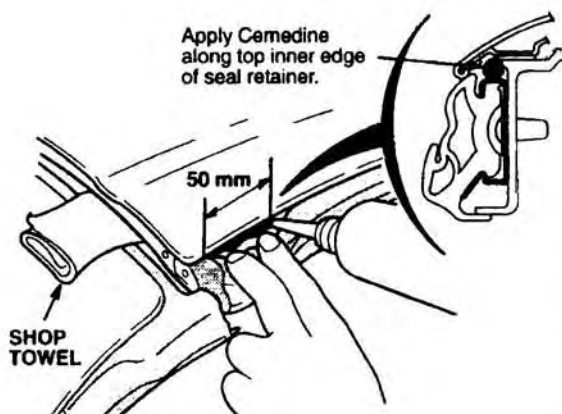


- **"A" Pillar Seal:** If repositioning the side seal doesn't correct the fit, then carefully pull the upper outside corner of the "A" pillar seal away from the pillar (the butyl adhesive will stick to the seal). Then move or "stretch" the seal into the position you want.



When you're certain that the side seal and the "A" pillar seal fit together properly, press the "A" pillar seal firmly against the pillar to make sure the adhesive sticks securely.

5. Reinsert the folded shop towel under the roof. Then pull back the top edge of the side seal, and apply a bead of Cemedine along the first 50 mm of its inner edge. If you replaced this seal (page 17), you already did this.

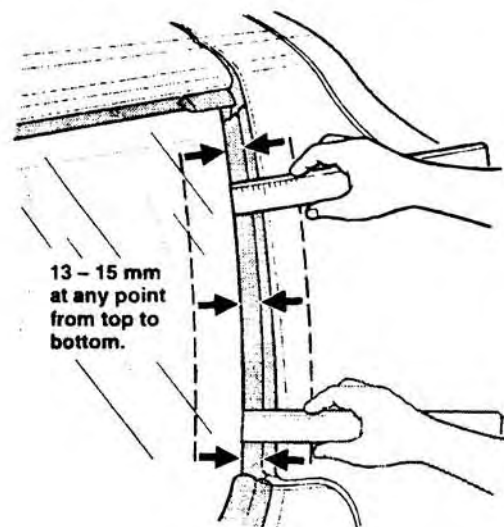


6. Apply Silicone (or Lithium Dielectric) grease to the mating surfaces of both seals.
7. Leak test the repaired area. If the leak persists, replace all four seals (B1, page 14). If you've already replaced the seals, but the roof still leaks, check the related adjustments described in this section (A1, and A3 thru A6); also check related areas where you applied Cemedine.

A3 — Glass Alignment Adjustments

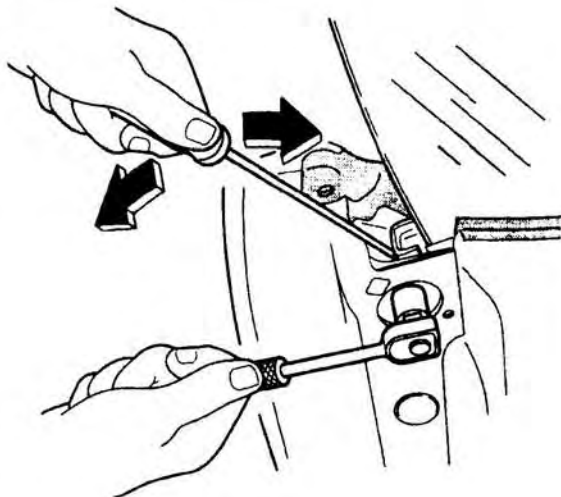
Glass-to-"B" Pillar Alignment

1. With the window rolled up and the door closed, measure the distance from the rear edge of the glass to the crease molded down the middle of the "B" pillar seal. (The rear run channel may have been misadjusted during an effort to resolve problems with window operation.)



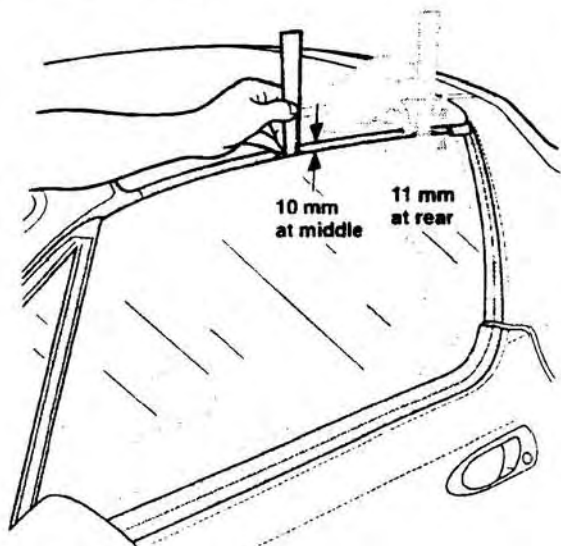
- If all measurements at any point from top to bottom are between 13 and 15 mm, go to step 3.
- If any measurement is less than 13 mm or more than 15 mm, go to step 2.

- Loosen the upper bolt in the rear run channel, and adjust the channel forward or back until the distance between the rear edge of the glass and the crease in the seal is between 13 mm and 15 mm. Your measurement should be the same at top and bottom.

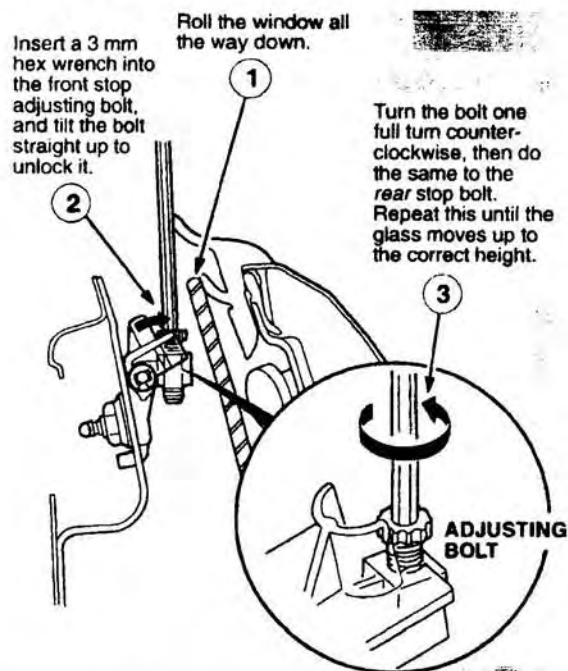


Glass Height Adjustment

- Measure the distance from the lower painted edge of the roof to the top edge of the door glass at the middle and the rear of the glass. The distance should be 10 mm at the middle and 11 mm at the rear.



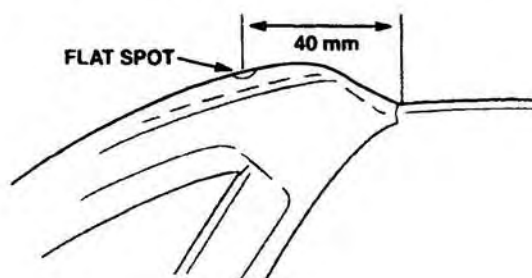
- If your measurements don't match those listed, adjust the window up or down until they do.



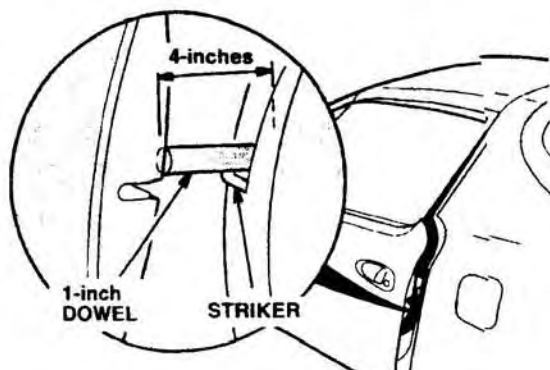
- Leak test the repaired area.

A4 — Glass Camber Adjustment

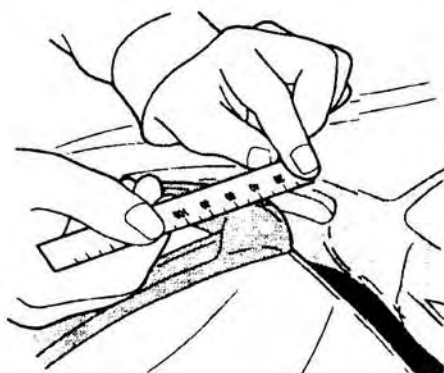
- Open the door, and locate the flat spot molded into the quarter window seal 40 mm from the top end of the run channel.



2. Roll the window down. Place a one-inch wooden dowel (or other suitable stop exactly four inches long) on top of the striker; then slowly close the door until it rests against the end of the dowel.



3. Measure the distance from the center of the flat spot to the nearest painted edge of the "A" pillar; it should be 38 to 40 mm.



- If the distance is more than 40 mm, go to step 4.
- If the distance is less than 38 mm, go to step 5.

4. With the door closed against the 4-inch stop, carefully push inward (not rearward!) on the top of the quarter window frame with the heel of one hand. Recheck your measurement. Repeat until the distance is correct, then go to step 6.



NOTICE

Too much force can break welds, damage the edges of the seal, and distort the run channel.

- If the front edge of the quarter window seal is not parallel to the edge of the "A" pillar, the quarter window may have been bent rearward or bent too far inward. Inspect the run channel to see if its sides are bent where it enters the window sill (this can create air leaks and wind noise). If the sides are bent, straighten them; if they can't be straightened, remove the door panel and replace the run channel.
- The quarter window is permanently bonded to a rubber molding; excessive bending may break the adhesion between the two and create a water leak or excessive wind noise. If this happens, refer to C1 (page 21) for repair.

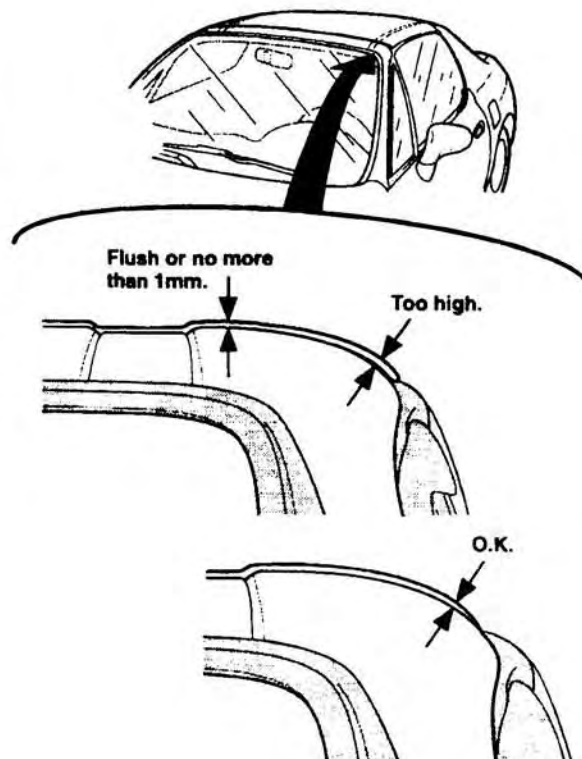
5. Open the door. Push against the window sill with one hand while you **carefully** pull outward on the top of the quarter window frame with the other hand, and then recheck your measurement. Repeat until the distance is correct.



6. Leak test the repaired area.

A5 — Roof Flushness Adjustment

1. With the roof installed and locked, check the curvature of its front corners compared to the edge of the windshield header. The front edges of both roof corners should be flush with the edge of the header, or not more than 1 mm above it.



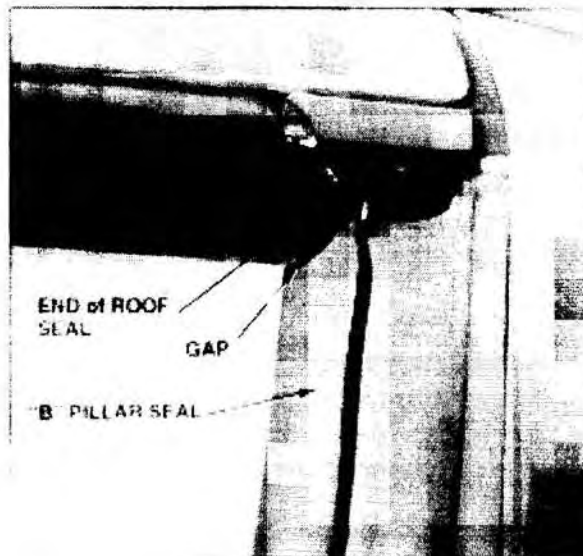
2. If the front edge of either corner is more than 1 mm above the header, release both roof latches, and place rolled-up shop towels between the roof and the header on the side to be adjusted. With a soft rubber mallet, **gently** hammer along the edge of that corner until it matches the curvature of the header. (The roof is aluminum and can be easily reshaped.) Don't hammer too hard; you could crack the paint.



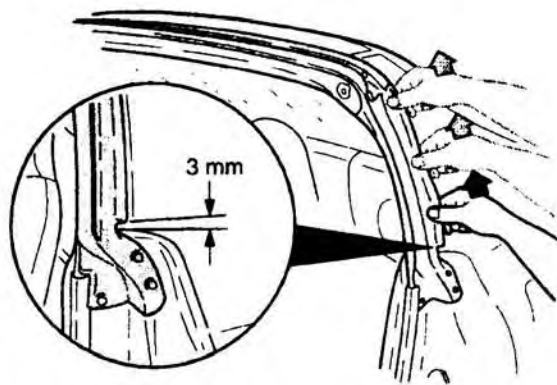
3. Remove the shop towel, and recheck the height. Repeat until the roof fits correctly.

A6 — Side Seal Rear End Fit Adjustment

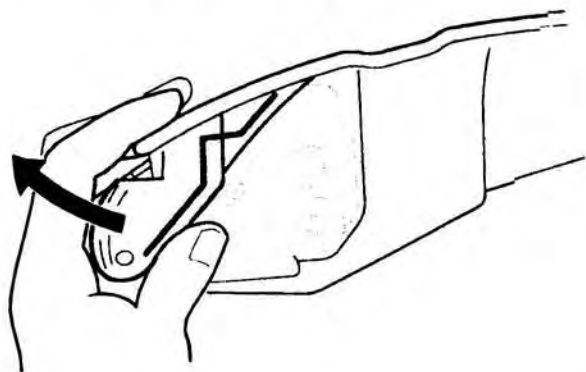
1. With the roof locked in place, look for any gap between the end of the side seal and the "B" pillar seal. The "B" pillar seal should fit smoothly against the end of the side seal without puckering or tucking under it.



- If you see a gap between the two seals, raise the "B" pillar seal in its retainer to close the gap at the top of the pillar. Open the door, *start at the bottom*, and every few inches, pull the seal up a little. Repeat this until the top of the seal fits properly against the end of the side seal. **DO NOT** attempt to correct the fit by pulling only on the upper part of the "B" pillar seal.



- Measure the distance between the radius near the end of the "B" pillar seal and the corresponding radius in the side of the body. If it's more than 3 mm, you pulled the seal up too far; readjust it.
2. The rear end of the roof side seal should make full contact with the "B" pillar seal. If you see a gap where the outside edge of the side seal meets the "B" pillar seal, unlock both sides of the roof, lift its rear edge, and put a folded shop towel under it. Then adjust the end of the side seal by grasping its metal core with your fingers and applying enough pressure to bend it outward and close the gap.



3. Lube the mating surfaces of the seals with Silicone (or Lithium Dielectric) grease.
4. Leak test the repaired area.

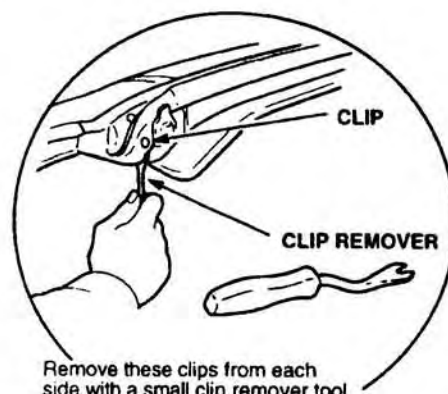
SEAL REPLACEMENT PROCEDURES

NOTE: If one original-type seal is faulty, replace all four seals. New-type seals (installed on cars made in May 1994 and later) may be replaced individually.

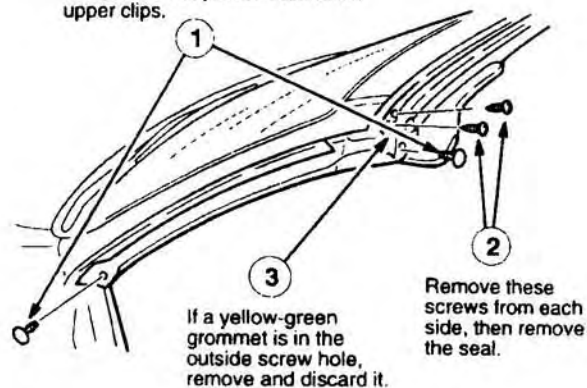
B1 — "A" Pillar, Side, and "B" Pillar Seals

"A" Pillar Seal

1. Carefully remove the "A" pillar seal. Save the two plastic clips from the upper corners and the four screws for reuse. (New lower clips are captive in the new seal.)



Remove these clips from each side with a small clip remover tool or needle-nose pliers. Retain the upper clips.



If a yellow-green grommet is in the outside screw hole, remove and discard it.

Remove these screws from each side, then remove the seal.

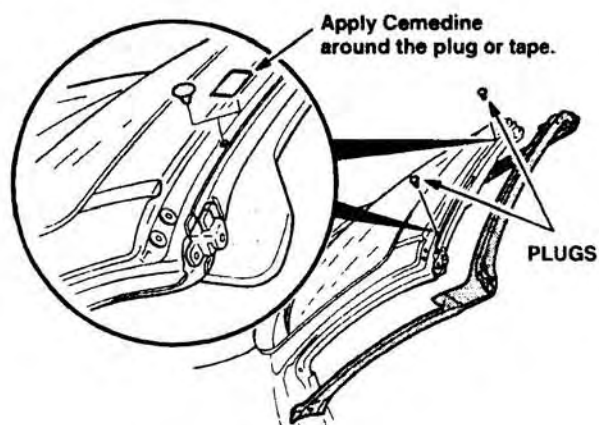
2. Inspect the square hole in each pillar, where the yellow-green grommets came from, for any distortion caused by their removal. If the metal is bent up, carefully flatten it with a small hammer.



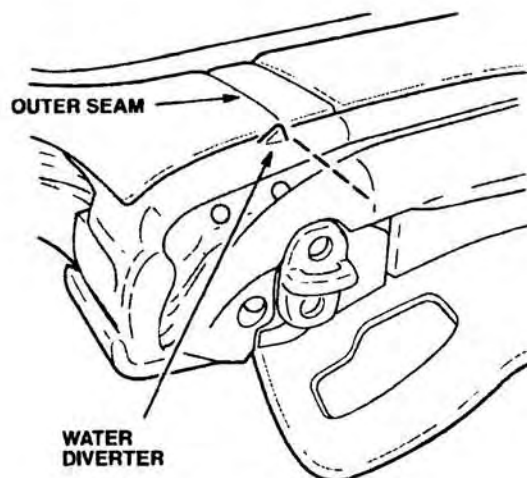
3. Remove all traces of the old adhesive from the "A" pillar and windshield header with 3M Adhesive Cleaner and a shop towel. If all of the old adhesive is not removed, the new seal will not stick properly. Use a plastic scraper (available at local paint and hardware stores) to avoid breaking the paint surface. You may also cover the adhesive with duct tape and then peel the tape off—the adhesive should come off with it.
4. Apply a bead of Cemedine around the edge of each square hole, and then install the two new white grommets supplied with the new seal. Position each grommet so the slot in it forms the letter I, not the letter H.



5. Inspect the two remaining white grommets for holes made by improperly installed screws. If you find any holes, replace the damaged grommets in the same way you replaced the yellow-green ones. (Order screw grommet, P/N 91620-SR2-003, H/C 4020939.)
6. Remove the two small rubber plugs from the holes in the trough of the windshield header, put a bead of Cemedine around each hole, and then reinstall the plugs. If a plug is missing, it may be stuck to the old seal. If you can't find it, cover the hole with a piece of tape, and then cover the tape with Cemedine.



7. Set the new "A" pillar seal into position. On each side, line up the inside edge of the small water diverter (molded into the top of the seal) with the outside seam in the windshield header.



8. In this "dry set" position, carefully lay one corner of the seal over on the windshield, and apply a 6 mm bead of Cemedine to the header trough, the end of the seam-filler strip in the header, and down the "A" pillar flange as shown in the next two photos.



NOTE: Be careful to maintain a 6 mm bead of Cemedine down the pillar. If it looks too thin in some places, apply a double layer there to ensure proper bead height.

9. Apply a 3 mm bead of Cemedine to the lower part of the "A" pillar exactly as shown.



10. Leave the white tape in place (it's covering the butyl adhesive), and install the "A" pillar seal in this sequence:

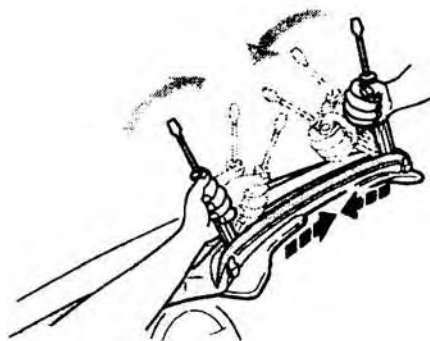
- Press the upper end of the seal onto the flange at the corner of the "A" pillar.
- Next, insert the lower end of the seal behind the molding, then attach it to the "A" pillar by installing its captive clip.
- Attach the middle part of the seal to the "A" pillar flange.



- Make certain the outer edge of the seal is straight and not distorted in any way.
- Reinstall two screws and one clip at the top.

11. Repeat steps 8 thru 10 on the other side of the car.

12. To be sure the seal makes continuous contact with the Cemedine, push it down firmly into the header trough with a blunt tool. Push down with a repeated rolling motion, to "walk" the tool across the seal from each end toward the middle.

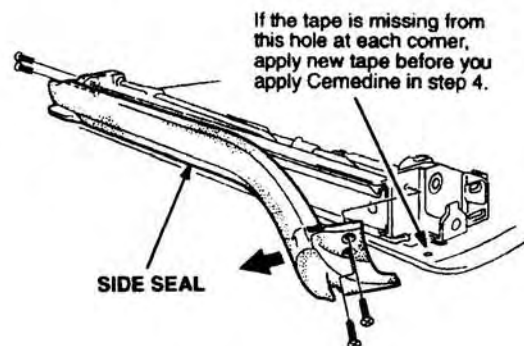


13. Peel the white tape off the adhesive on each upper corner, then go to Roof Side Seals, step 1 (below); do not press on the seal yet to make the adhesive stick.

Roof Side Seals

1. Set the roof upside down on an appropriate pad so it won't get scratched.

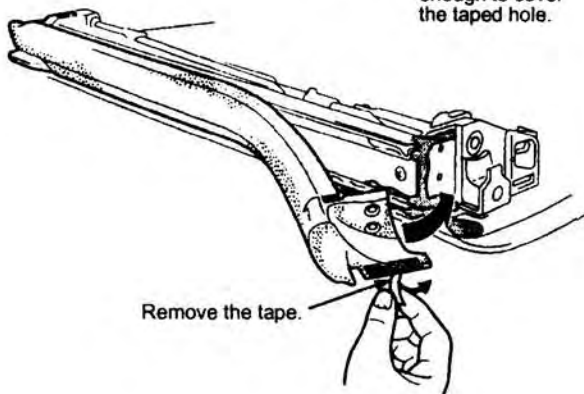
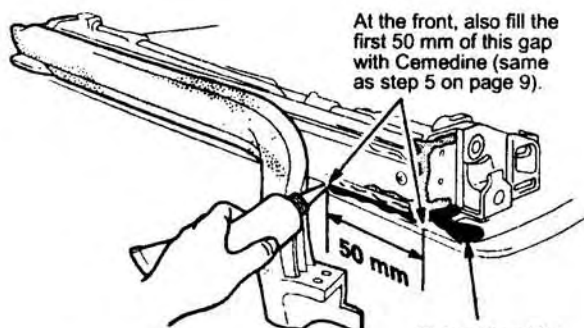
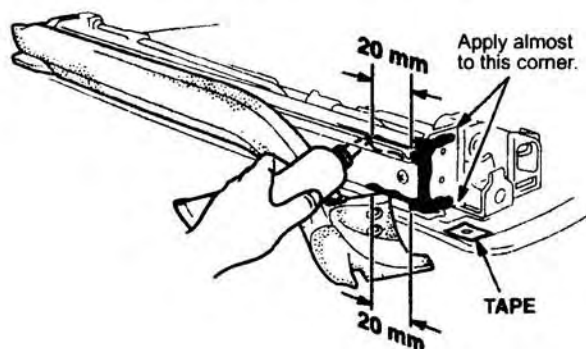
2. Remove the two screws at each end of the roof side seals, and carefully pry the seals away from their retainers. Remove all traces of old sealant from the roof and the retainers, first with a plastic scraper, and then with 3M Adhesive Cleaner on a shop towel.



3. Before applying any Cemedine, install each new side seal in its retainer. Make certain that the end of each seal fits flush, with no gaps or bulges.



4. Carefully pull the end of one seal away from its retainer about 100 mm, and apply an 8 mm bead of Cemedine to the side of the retainer and the end of the roof frame as shown.

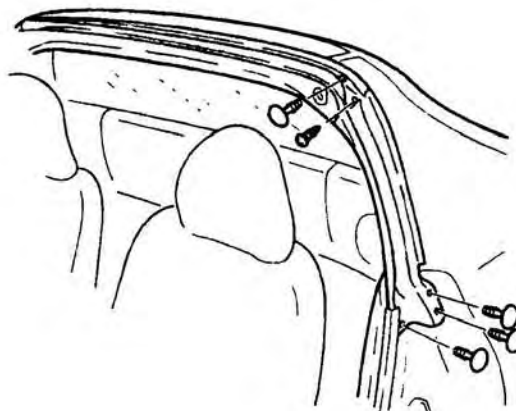


Remove the tape.

5. Remove the white tape from the butyl adhesive on the end of the seal as shown above, and reinstall that end; do not press on the seal yet to make the adhesive stick.
6. Repeat steps 4 and 5 on each of the three remaining side seal ends.
7. Loosely install the screws in the end of each side seal. Then push each seal all the way in (to take up the slack in the screw slots), and hold it in place while you tighten the screws.
8. Set the roof in place on the car. Then go to A2, Side Seal Front End Fit Adjustment (page 8), and check the fit between the ends of both side seals and the "A" pillar seal.

"B" Pillar Seal

1. Remove the four clips and one screw from each side of the "B" pillar seal, and then remove the seal.



2. Remove all old adhesive from the "B" pillar and the "B" pillar seal retainer. First use a plastic scraper (to avoid breaking the paint surface), then use 3M Adhesive Cleaner on a shop towel. Remove *all* the old sealant; if you don't, the new seal will not stick.

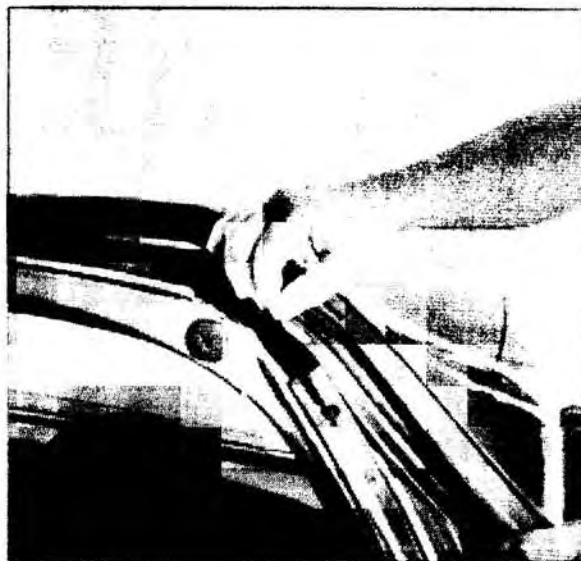
3. Before applying any Cemedine, set the new "B" pillar seal in place so its mold seam marks line up midway between the seams in the rear window header.



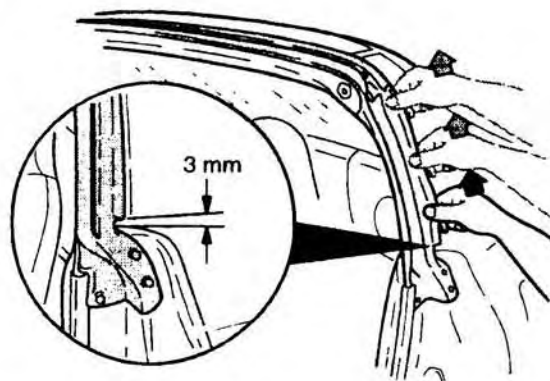
4. Without changing its position, carefully lift one corner of the new seal out of the way, and apply a 6 mm bead of Cemedine to the seal channel and then down into the seal retainer as shown.



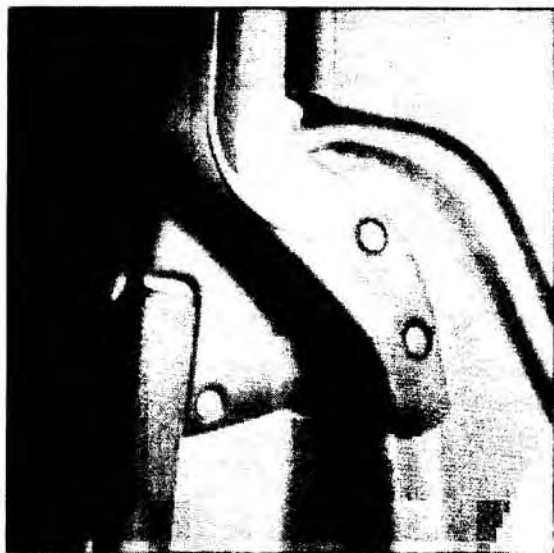
5. Remove the three pieces of white tape from the butyl adhesive on the new seal.



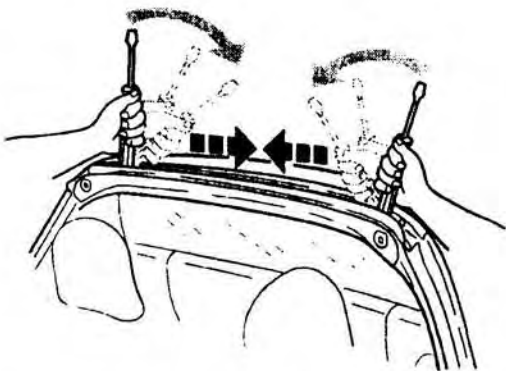
6. Install the clip through the top of the new seal, and then press the seal into its retainer. Make sure the outside lip of the seal goes over the retainer flange.
7. Reinstall the screw at the top, and then check that the lower edge of the seal matches the contour of the body, or is no more than 3 mm higher. If necessary, pull the seal up (starting from the bottom) or down (starting from the top) every few inches as shown.



8. Insert the lower end of the seal behind the door opening trim, and install the three lower clips.



9. Repeat steps 4 thru 8 on the other side of the car.
10. To be sure the seal makes continuous contact with the Cemedine, push it down firmly into the header trough with a blunt tool. Push down with a repeated rolling motion, to "walk" the tool across the seal from each end toward the middle.



11. Remove excess Cemedine from the body with HondaBrite Cleaner; it will not dull the finish.
12. Repeat the entire Water Leak Test.

B2 —Glass Run (Weatherstrip) Replacement

1. With the door window all the way down, remove the screw from the top of the quarter window. Then pull the rear half of the quarter

window seal (the glass run) up and out of the run channel, and peel the front half out of the front of the quarter window frame.

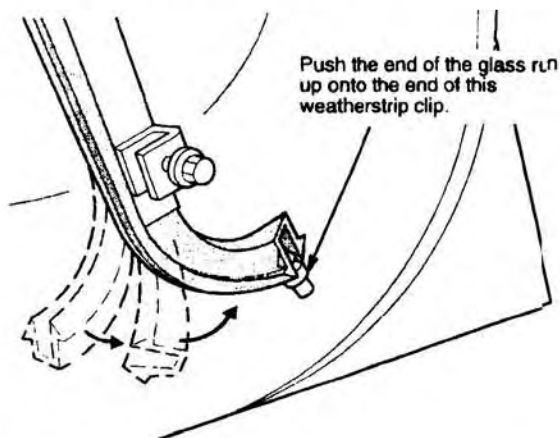
2. Lube the upper part of the channel in the front of the quarter window frame with soapy water. Then install the front portion of the new seal by sliding it down into the soapy channel.



3. Install the glass run portion of the seal working from the top of the glass down. If you can't get the run all the way down into the channel, lube the channel with soapy water; do not use silicone or grease.



4. Remove the door speaker and its housing. Then reach through the hole in the door panel, and pull the end of the glass run all the way down into position. Push the excess glass run forward under the end of the channel and up past the end of the weatherstrip clip, as shown, to keep it in place.



5. Reinstall the screw in the top of the quarter window.
6. Go to A1 on page 6, and follow steps 6 thru 11 to check weatherstrip fit and to seal the top corner of the quarter window.

RESEAL PROCEDURES

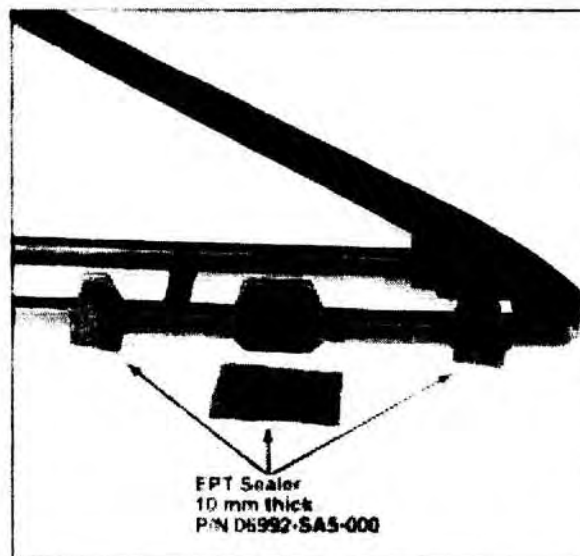
C1 — Quarter Window Resealing

Quarter Window to Frame

If the quarter window (glass and attached molding) is loose in its frame, shim it with EPT Sealer:

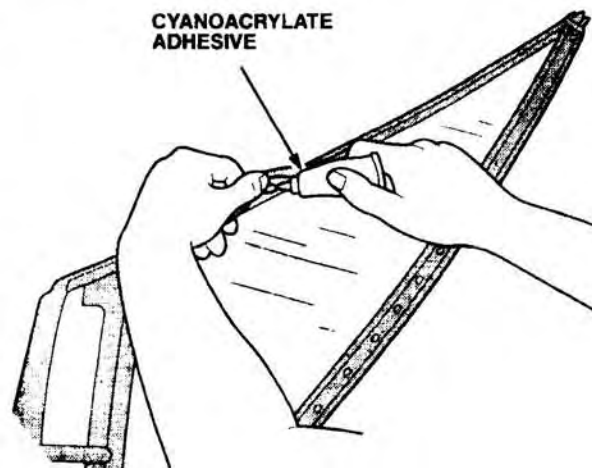
1. With the door window all the way down, remove the screw from the top of the quarter glass frame. Then pull the rear half of the quarter window seal (the glass run) up and out of the run channel, and peel the front half out of the front of the quarter window frame.
2. Remove the door panel, pull back the protective plastic (use a utility knife to slice through the adhesive), and remove the three bolts from the front run channel.
3. Remove the remaining screw from the top of the quarter window frame, then carefully twist the run channel to one side as necessary to remove the quarter glass.

4. Stick pieces of 10 mm-thick EPT Sealer (foam tape, P/N 06992-SA5-000) to the bottom of the three tabs on the window molding to raise the glass in its frame.



Quarter Window Glass to Molding

5. With your thumbs, pull up on the inside and outside edges of the quarter window molding all the way around the glass. If you find any areas where the molding has been cut or split, glue them back together with cyanoacrylate adhesive ("crazy glue"). (Window tint installers sometimes cut the molding when trimming the tint film.)



6. Reinstall the quarter glass, the run channel, the protective plastic, and the door panel.
7. Reinstall the quarter window seal by following **B2** on page 20 (begin with step 2).

Model	Applicable To	File Under	Bulletin No.
1993 - 1995 CIVIC DEL SOL	ALL	BODY	93-023
			Issue Date DEC 18, 1995

Noise From del Sol Roof (Supersedes 93-023, dated October 31, 1994)

SYMPTOM

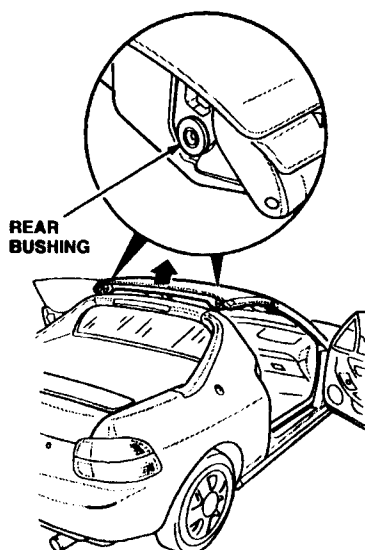
A rattle, creak, or chattering noise from the roof while driving.

DIAGNOSIS

1. With an assistant, test drive the car, and listen for the noise with both doors open slightly. If the noise is gone, refer to Bulletin 93-025 (*Civic del Sol Door Rattle*). If not, go to step 2.
2. Remove the roof and continue the test drive. If the noise is gone, find the car's VIN group below, and make the repairs listed for it. If you still hear the noise with the roof off, go to step 3.
3. If you still hear the noise with the roof off, and it sounds like metal-to-metal contact in one of the B-pillars, follow the REPAIR steps for Group ☐☐☐☐E.

VEHICLES AFFECTED

NOTE: If the car has been previously repaired, the rear bushings will be teflon instead of plastic.



Group ☐☐☐☐A: Cars in these VIN ranges that have **not** been repaired as described in earlier roof noise bulletins:

S: thru JHMEG1...PS007623

Si: thru JHMEH6...PS011889

Group ☐☐☐☐B: Cars in these VIN ranges that have **not** been repaired as described in earlier roof noise bulletins:

S: JHMEG1...PS007624 thru...RS005695

Si: JHMEH6...PS011890 thru...RS006860

VTEC: JHMEG2...RS000001 thru...RS002630

Group ☐☐☐☐C: Cars in these VIN ranges that have **not** been repaired as described in earlier roof noise bulletins:

S: JHMEG1...RS005696 thru...RS006412

Si: JHMEH6...RS006861 thru...RS007530

VTEC: JHMEG2...RS002631 thru...RS002958

Group ☐☐☐☐D: Cars that have been previously repaired, and cars in these VIN ranges.

S: JHMEG1...RS006413 thru...SS999999

Si: JHMEH6...RS007531 thru...SS999999

VTEC: JHMEG2...RS002956 thru...SS999999

Group ☐☐☐☐E: Cars that make a metal-to-metal noise in the B pillar(s) when driven with the roof off.

CUSTOMER INFORMATION: The information in this bulletin is intended for use *only* by skilled technicians who have the proper tools, equipment, and training to correctly and safely maintain your car. These procedures should not be attempted by "do-it-yourselfers," and you should not assume this bulletin applies to your car, or that your car has the condition described. To determine whether this information applies, contact an authorized Honda automobile dealer.

WARRANTY CLAIM INFORMATION

In warranty: The normal warranty applies.

Out of warranty: Any repair performed after warranty expiration may be eligible for goodwill consideration by the District Service Manager or your Zone Office. You must request consideration, and get a decision, before starting work.

VIN GROUP	OPERATION NUMBER	FLAT RATE TIME
A	817135	1.7 hours
B	817140	1.5 hours
C & D	817145	1.3 hours
E	817150	0.6 hour

Failed part: P/N 85260-SR2-010ZA,
H/C 4020392

Defect code: 043

Contention code: B07

CORRECTIVE ACTION

Follow the steps in the **REPAIR PROCEDURE** that apply to the car you're working on.

MATERIALS REQUIRED

A **B** **C** **D** **E** : Liquid dishwashing soap

A **B** **C** **D** **E** : HONDALOCK 2, P/N 08713-0002,
H/C 2963833

A **B** **C** **D** **E** : Silicone Grease, P/N 08798-9013,
H/C 4642294

A **B** **C** **D** **E** : Isopropyl alcohol

PARTS INFORMATION

A **B** **C** **D** **E** : Protective Tape Strip (2 required),
P/N 04851-SR2-000, H/C 4234175

A **B** **C** **D** **E** : Receiver Shims (if you lose one):
0.6 mm: P/N 85034-SR2-000, H/C 4020095
1.2 mm: P/N 85033-SR2-000, H/C 4110987

A **B** **C** **D** **E** : 2.5 mm Rubber Spacer (as needed):
P/N 83416-SR3-000, H/C 4177507

A **B** **C** **D** **E** : Roof Kit "A," P/N 06852-SR2-325ZA,
H/C 4922829

- Right Lock Assembly
- Left Lock Assembly
- 2 Front Roof Lock Pin Guides
- 2 Rear Roof Lock Pin Guides
- 2 Roof Lock Pin Guide Clips
- Right Front Lock Pin Receiver
- Left Front Lock Pin Receiver
- Left Rear Lock Pin Receiver
- Right Rear Lock Pin Receiver
- Right Rear Lock Pin Guide Stop
- Left Rear Lock Pin Guide Stop
- Deflector Caps (8)

A **B** **C** **D** **E** : Roof Kit "B," P/N 06852-SR2-405ZA,
H/C 4922845

- Right Lock Assembly
- Left Lock Assembly
- Right Rear Lock Pin Receiver
- Left Rear Lock Pin Receiver
- 2 Rear Lock Pin Guides
- Right Rear Lock Pin Guide Stop
- Left Rear Lock Pin Guide Stop
- Deflector Caps (8)

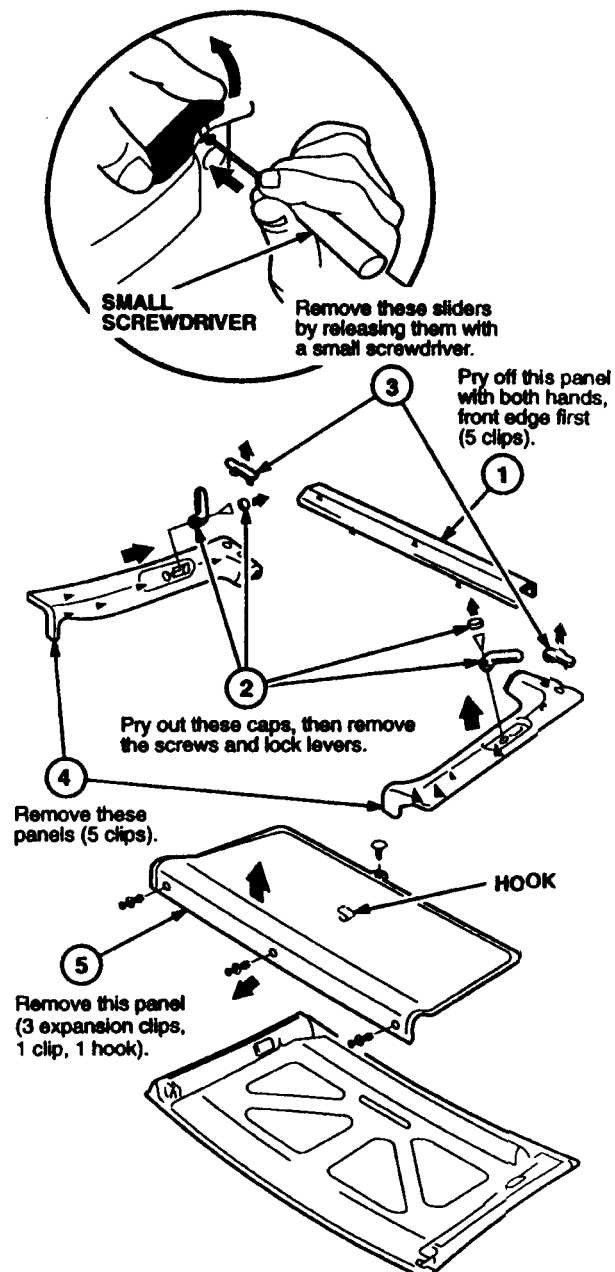
A **B** **C** **D** **E** : Roof Kit "C," P/N 06852-SR2-505ZA,
H/C 4922852

- Right Lock Assembly
- Left Lock Assembly
- Right Rear Lock Pin Receiver
- Left Rear Lock Pin Receiver
- Deflector Caps (8)

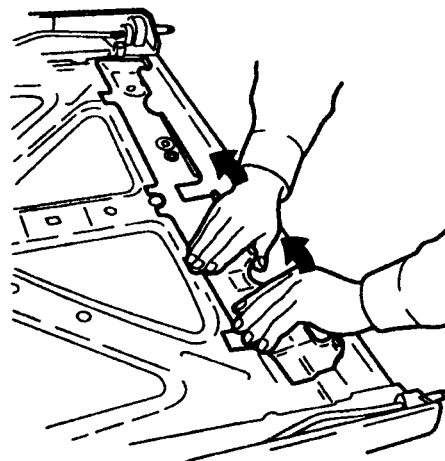
REPAIR PROCEDURE

A B C D E : Indicates which group(s) of cars each step applies to. (Find the VIN Group for your car listed under **VEHICLES AFFECTED**.) Follow only the steps that apply to that group.

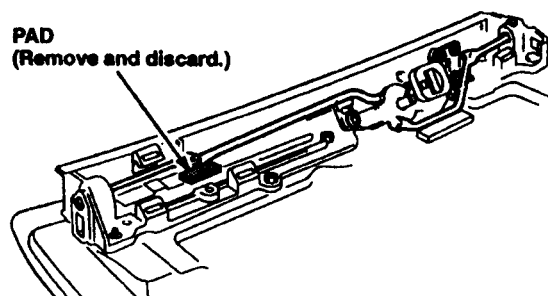
1. **A B C D E** Lay clean fender covers on your bench, and set the roof on them so it won't get scratched.
2. **A B C D** Remove the roof trim panels in the following numbered sequence.



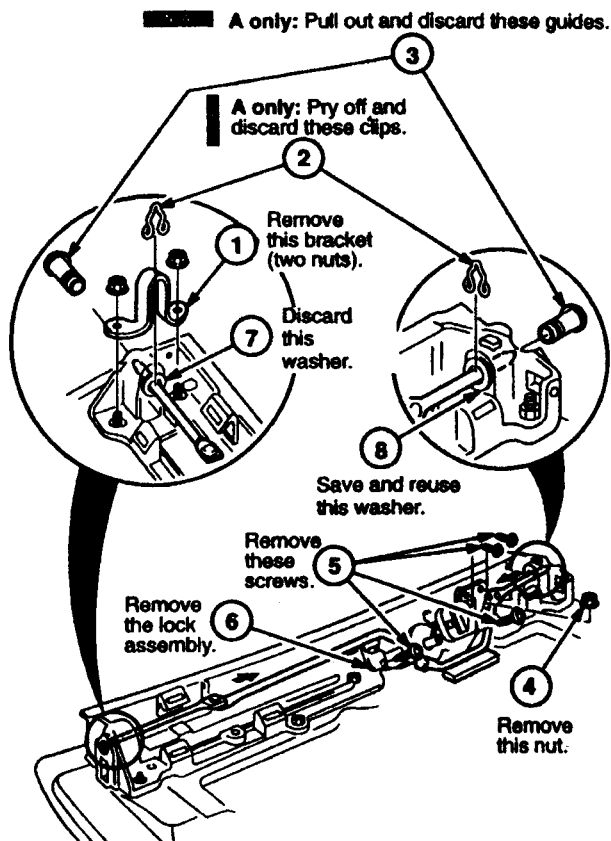
3. **A B C D** Pry up across the full width of the headliner bracket to break loose any areas that are stuck to the paint.



4. **A B C D** Remove and discard the pad from under the right and left lock assemblies.

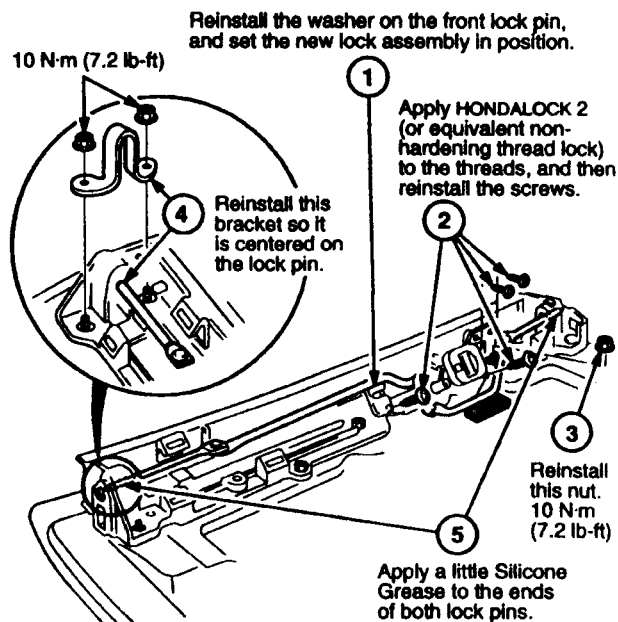


5. **A B C D** Remove the *right* lock assembly.



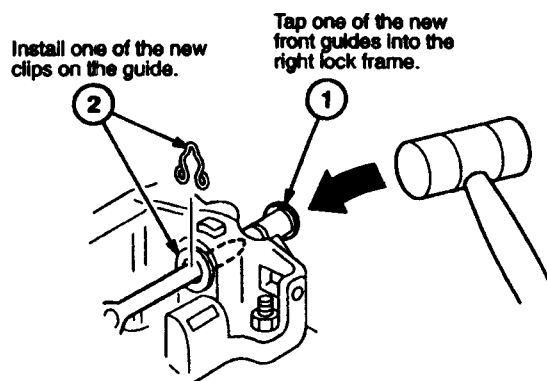
6. **A B C D** Remove the *left* lock assembly (same as step 5).

7. **A B C D** Install the new *right* lock assembly.



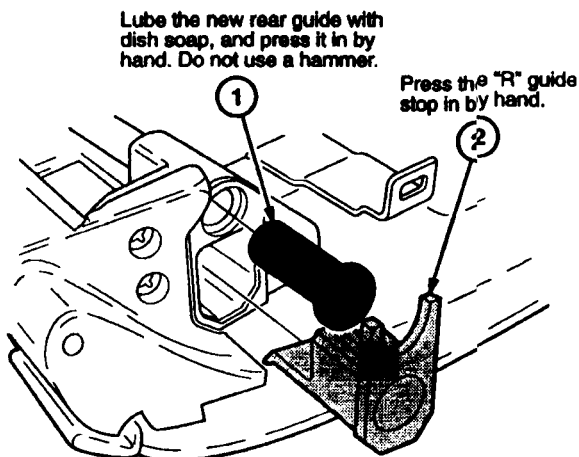
NOTE: Torque only the nuts you remove.

8. **A B C D** Install the new *left* lock assembly (same as step 7).
9. **A** Install one new front lock pin guide in the *right* lock frame.



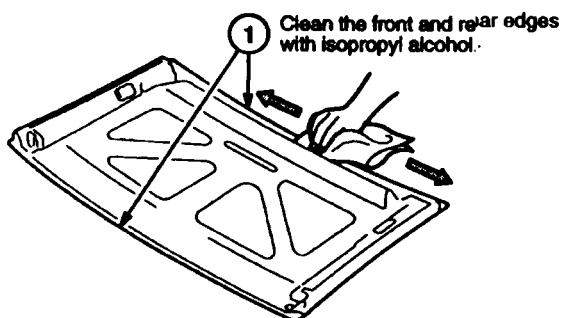
10. **A** Install the *other* new front lock pin guide in the *left* lock frame (same as step 9).

11. **A B** Install a new rear lock pin guide and the right guide stop in the right lock frame (the stops are marked with R and L). Do not use a hammer.

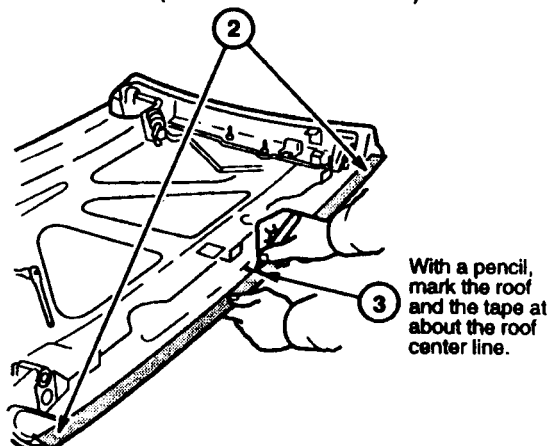


12. **A B** Install the other new rear guide and the left guide stop (marked L) in the *left* lock frame (same as in step 11).

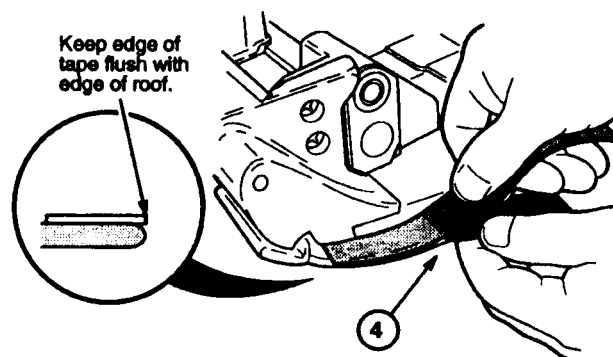
13. **A B C** Install one of the protective tape strips along the *rear* edge of the roof (if applicable).



Without removing its paper backing, center one strip of protective tape on the rear edge of the roof (about 3 mm from each end).

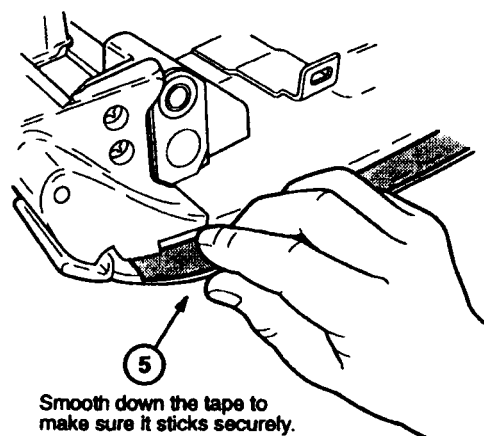


With a pencil, mark the roof and the tape at about the roof center line.



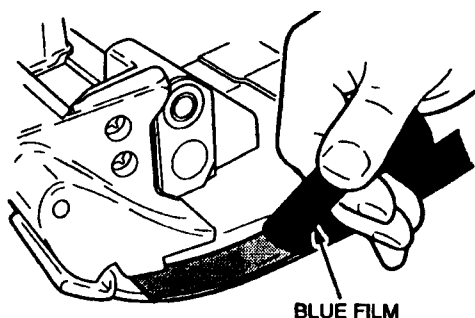
Position the tape so its outside edge is flush with the edge of the roof. Peel off the paper backing a couple inches at a time, and press the tape down so it sticks securely to the roof.

NOTE: Avoid stretching the tape; don't pull on it as you press down. The marks you made should line up when you reach the centerline. If the tape ends up too long, trim off the excess.

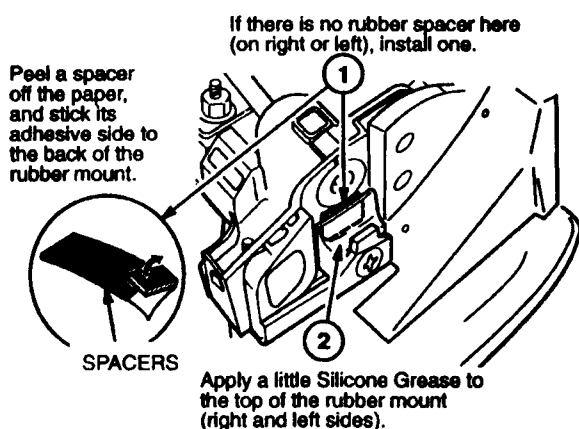


14. **A B C** Apply the other strip of protective tape to the *front* edge of the roof (same as in step 13).

15. **A B C** After both strips are sticking securely, carefully peel off the blue film. If you see any air bubbles under the tape, pop them with a pin, and press them down.

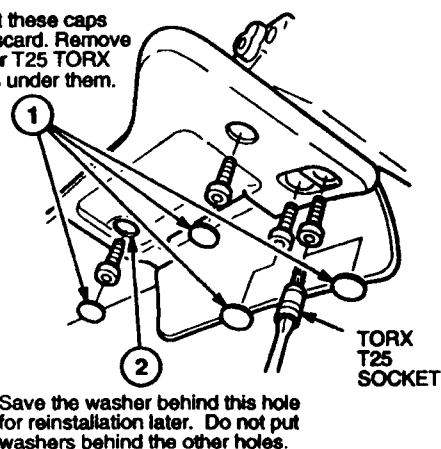


16. **A** Check for a rubber spacer between the end of the lock pin frame and the rubber front mount on each side.

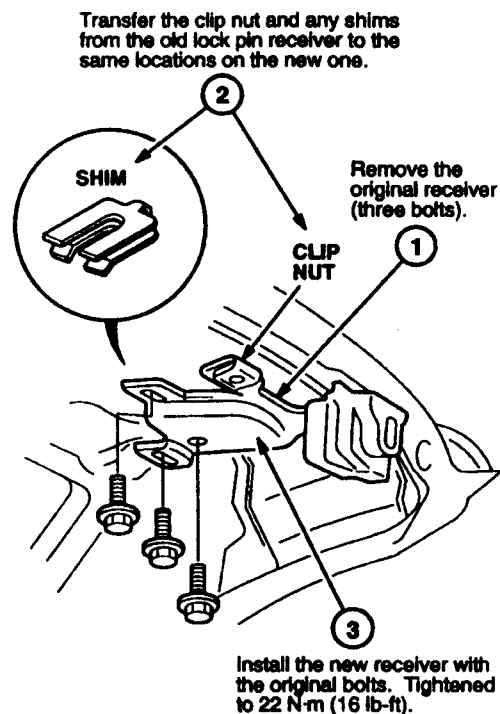


17. **A B C D** Remove the right sun visor.

Pry out these caps and discard. Remove the four T25 TORX screws under them.



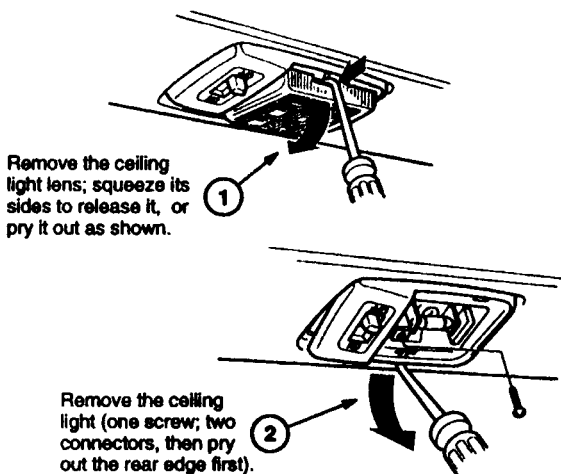
18. **A** Replace the *right* front receiver.



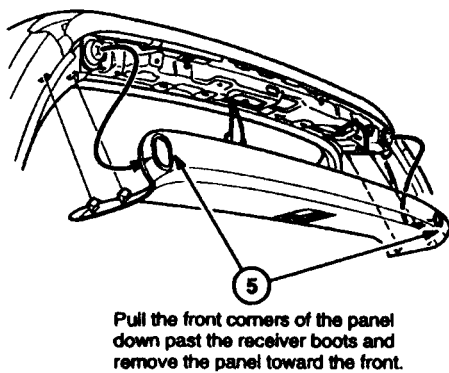
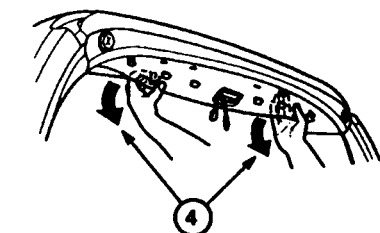
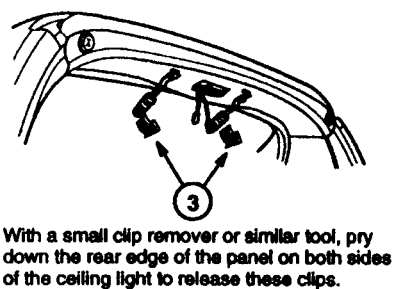
19. **A B C D** Remove the *left* sun visor (same as step 17).

20. **A** Replace the *left* front receiver (same as step 18).

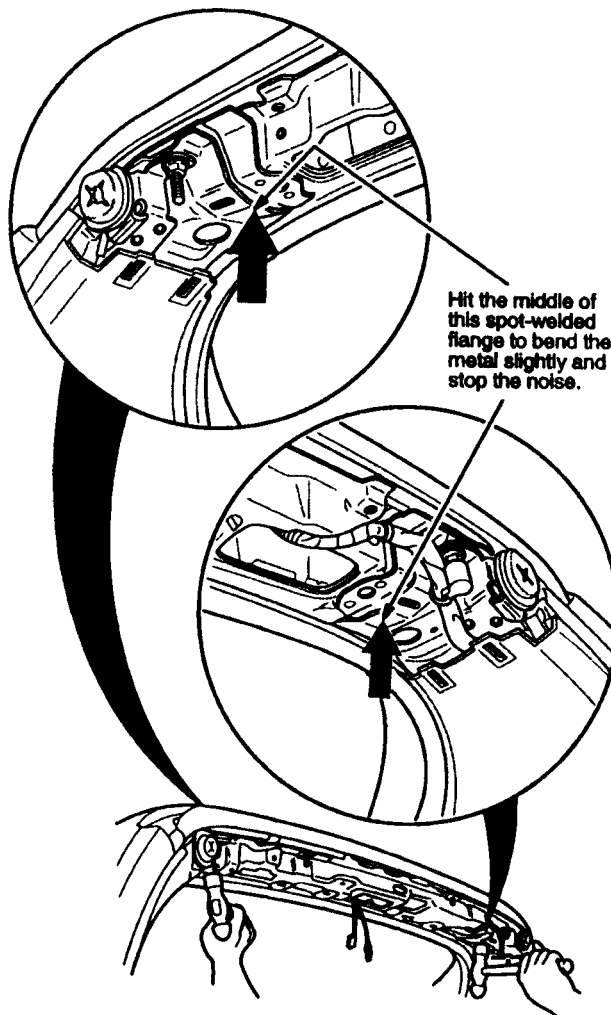
21. **A B C D E** Remove the interior panel from the rear window header in the following sequence.



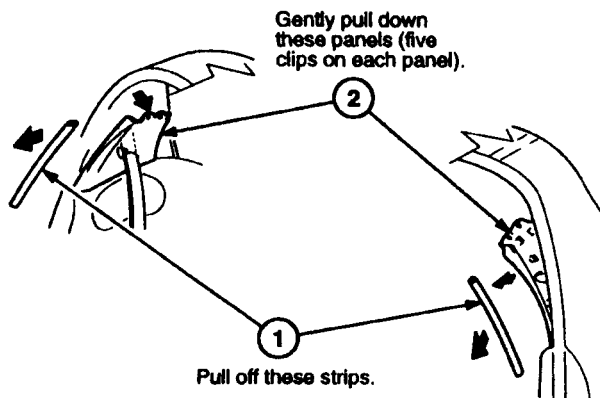
Remove the ceiling light (one screw; two connectors, then pry out the rear edge first).



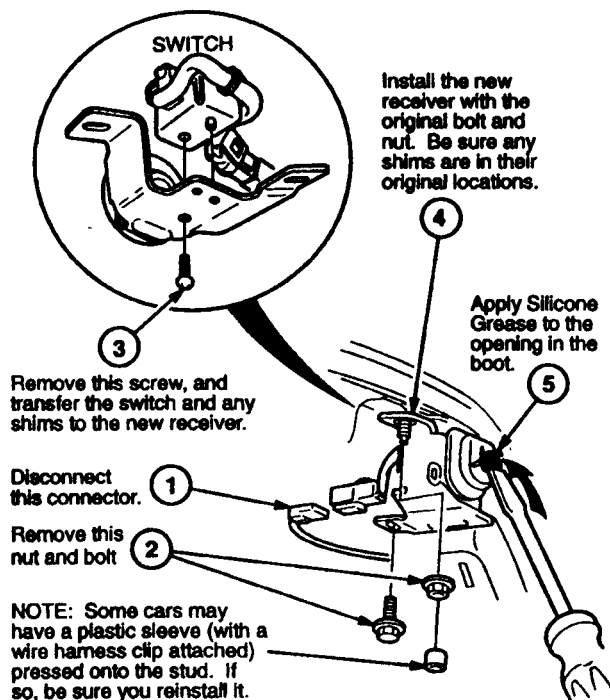
22. **A B C D E** Hammer the underside of the rear window header two or three times as shown.



23. **A B C D** Pull the "B" pillar panels down.

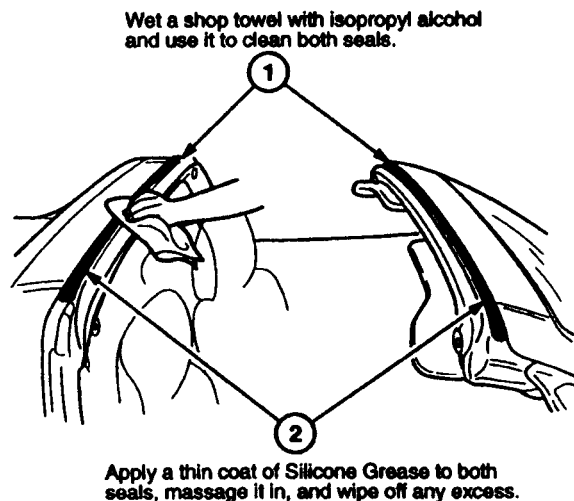


24. **A B C D** Replace the *left* rear receiver.



25. **A B C D** Replace the *right* rear receiver (same as step 24).

26. **A B C D E** Clean and treat the seals on the car.



27. **A B C D E** Set the roof back on the car, and lock it into position.

NOTE: The remainder of this, checking roof fit and, if needed, adjusting it with shims, has been deleted. Just be sure you transfer any

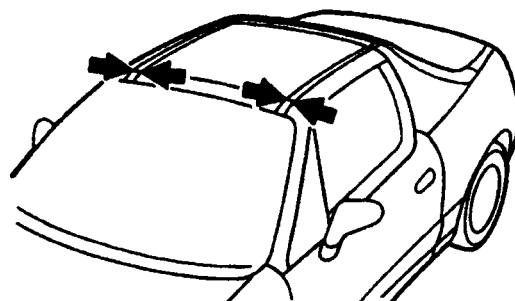
sets of original shims from the old front receivers to the new ones.

28. **A B C D E** Align the roof and receivers with the car:

NOTE: Most of this original step (driving the car on a rough road with the receiver bolts and nuts finger-tight, etc.) has been deleted. Use the following procedure instead:

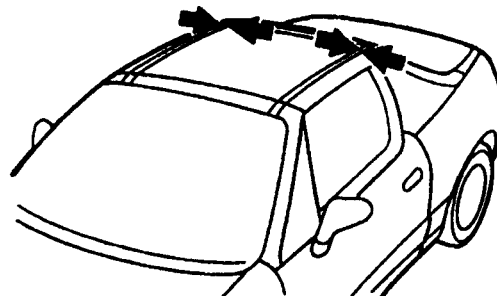
- With the roof locked on, loosen the bolts in both front receivers, and adjust the front of the roof as shown.

Align the roof channel creases with the seams in the windshield header.



- Torque the front receiver bolts to 22 N•m (16 lb-ft).
- Loosen the bolts and nuts in both rear receivers, and adjust the rear of the roof as shown.

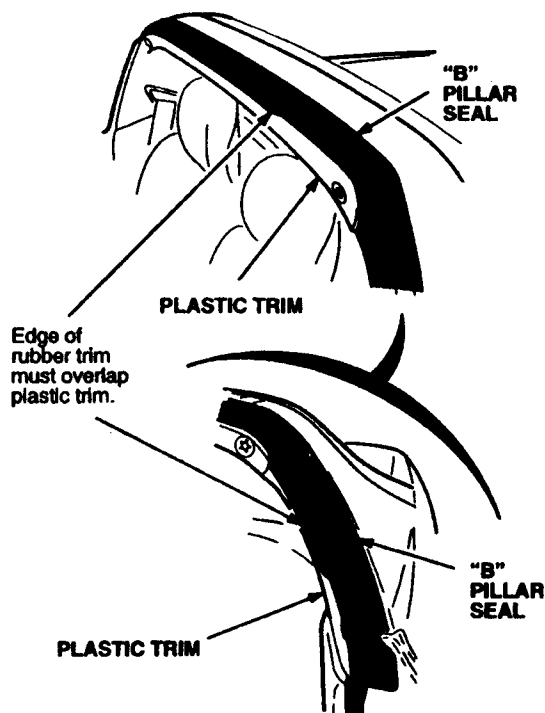
Align the roof channel seams with the seams in the "B" pillar header.



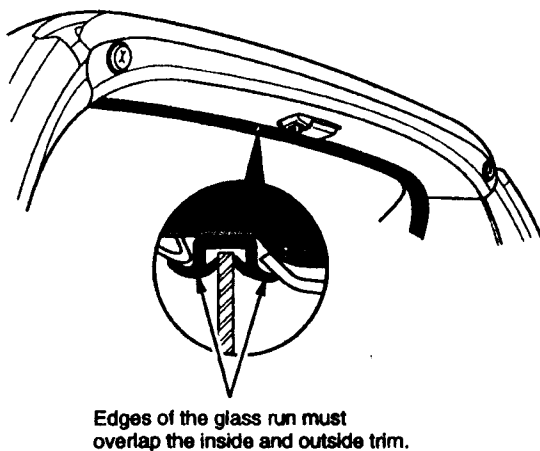
- Torque the rear receiver bolts to 22 N•m (16 lb-ft).

29. **ABCDE** Remove the roof, and reinstall all plastic trim.

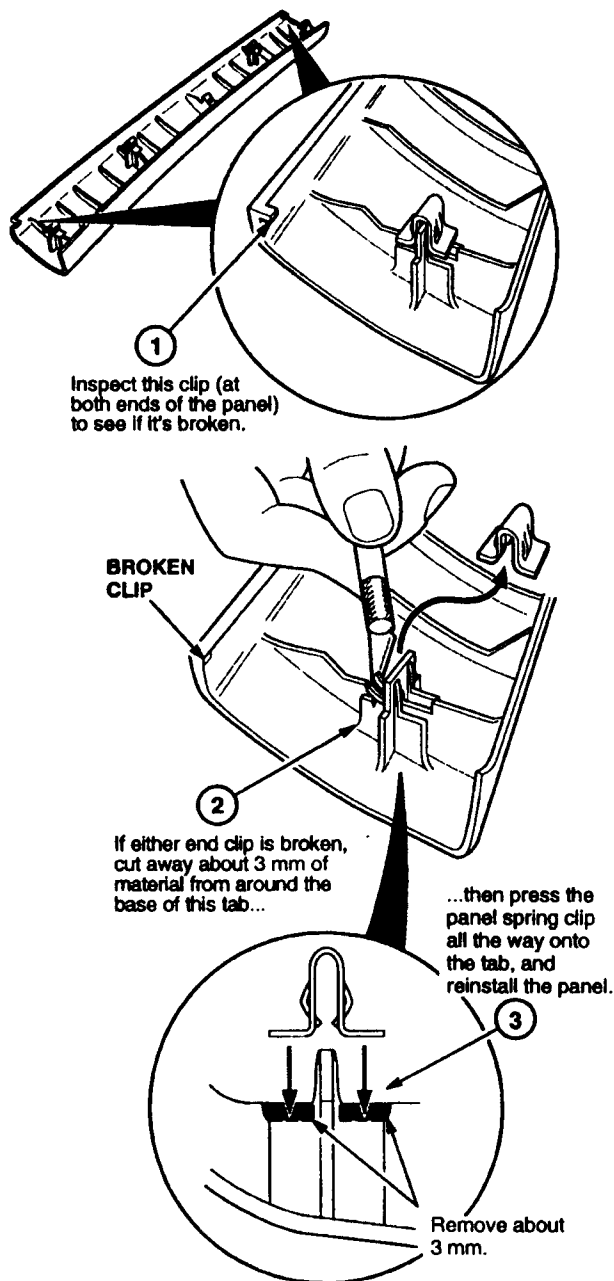
- Reinstall the ceiling light, front edge first.
- Be careful when you reinstall the lens in the ceiling light; it only goes in one way.
- Make sure the edges of the "B" pillar seal overlap the edges of the plastic trim panels.



- Make sure the edges of the rear window glass run overlap the edge of the plastic trim on the inside and the edge of the run channel on the outside.



30. **ABCDE** Reinstall the trim you removed from the roof. If either of the clips (molded into the corners of the roof front panel) are broken off, a gap will show between the rear edge of the panel (facing the driver and passenger) and the roof gap. Modify the spring clip tab (next to the broken clip as shown).



31. **A B C D** Reinstall the left and right sun visors. Install new deflector caps.
32. **A B C D E** Reinstall the roof, and road test the car on a bumpy road to verify that the noise is repaired.
33. **A B C D E** Check for water leaks and repair them, as described in Service Bulletin 93-004, S/M Supplement: *del Sol Water Leak Repair*.

Works Cited

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 Temple of Vtec Asia.....(<http://asia.vtec.net/>)
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 Team Sol Washington.....(<http://www.teamdelsolwa.com/>)
 Club Si.....(<http://www.clubsi.com/>)
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 DelSolUK.....(<http://www.delsoluk.com/>)
 Sol Society.....(<http://www.solsociety.com/>)
 CRX PT.....(<http://crxpt.com/>)

Books

1995 Honda Del Sol factory service manual
 1995 Honda Del Sol factory electrical troubleshooting manual
 How to Build Honda Horsepower (Richard Holdener)
 Honda Engine Swaps (Aaron Bonk)
 High Performance Handling Handbook (Don Alexander)
 Sport Compact Car Engine & Driveline Handbook (from the editors of SCC)
 High Performance Honda Builder's Handbook Vol.1 (Joe Pettitt)
 High Performance Honda Builder's Handbook Vol.2 (Joe Pettitt)
 Honda / Acura Engine Performance (Mike Kojima)
 Honda & Acura Performance Handbook (Mike Ancas)

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MotorTrend 11/94

TV Shows

Motorweek



Above: The author's 1995 del Sol VTEC