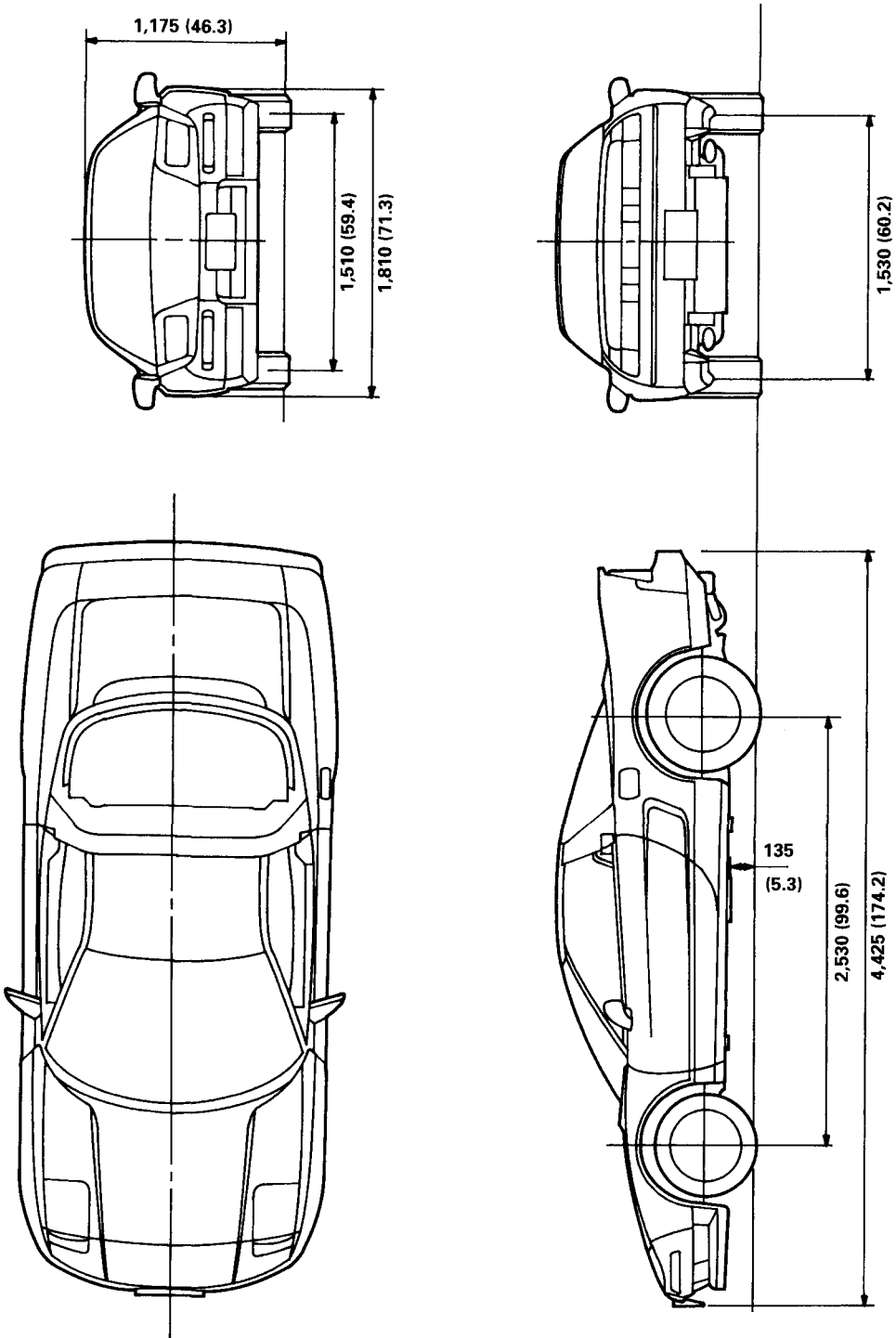


Body Specifications

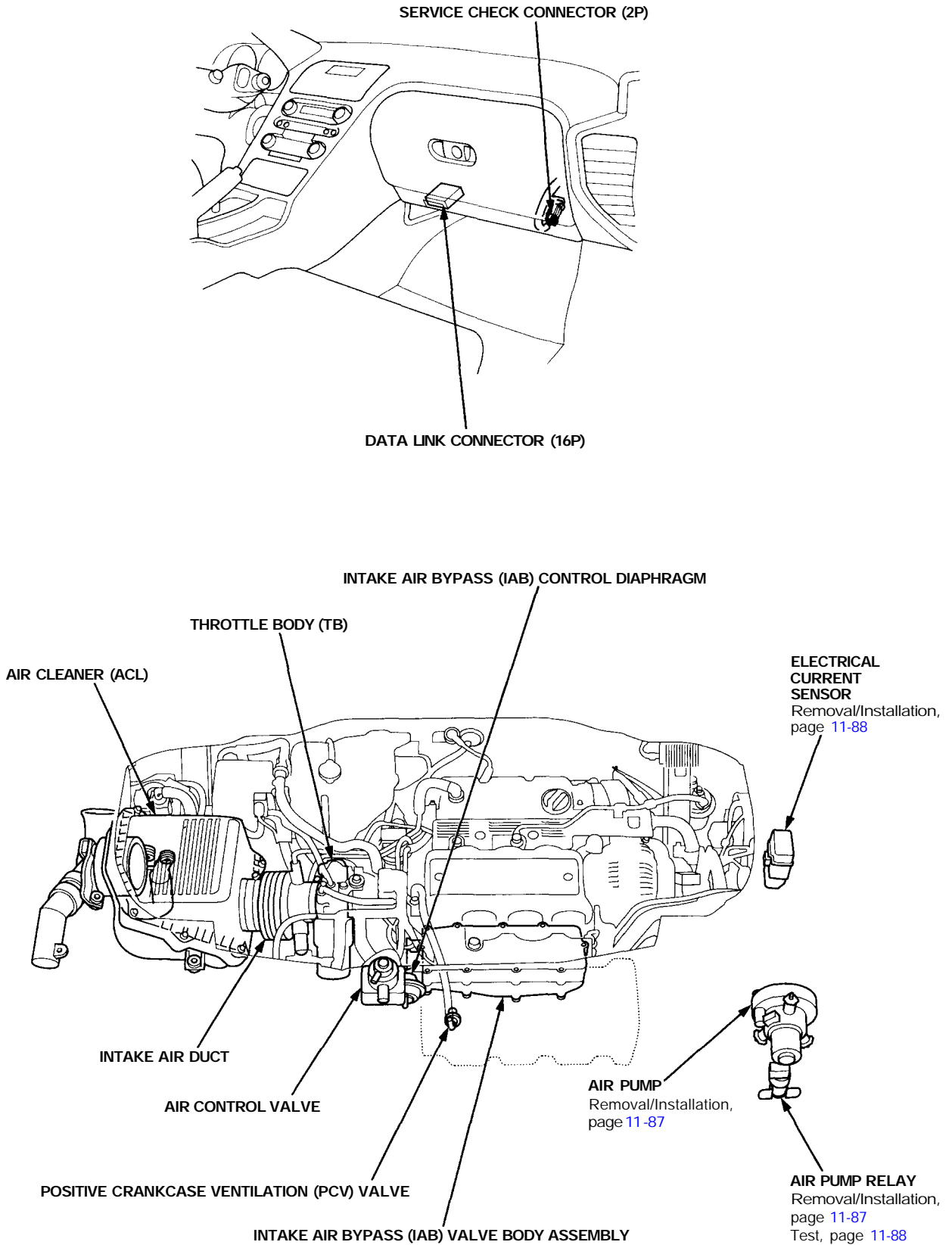
Unit: mm (in)



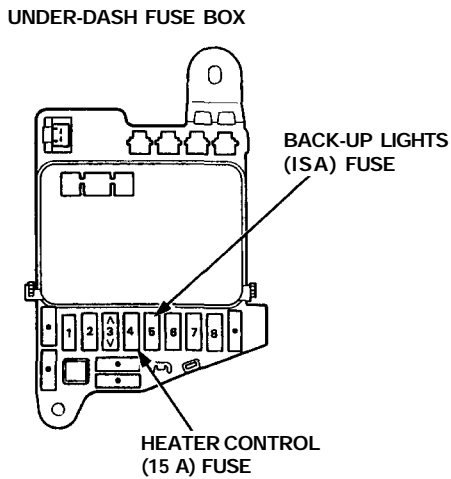
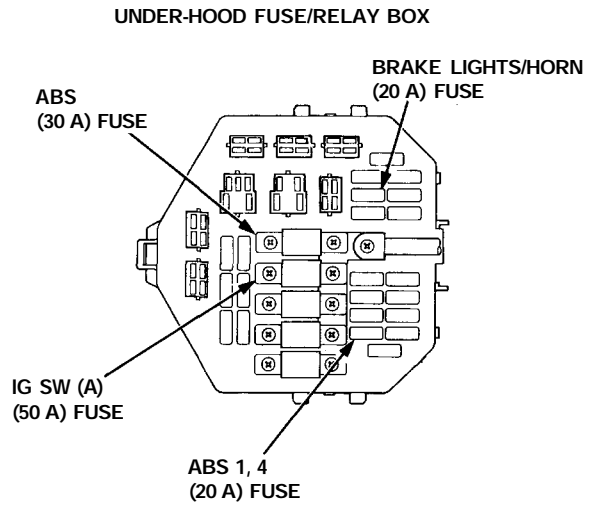
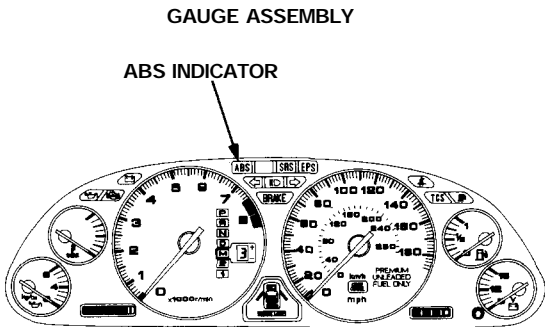
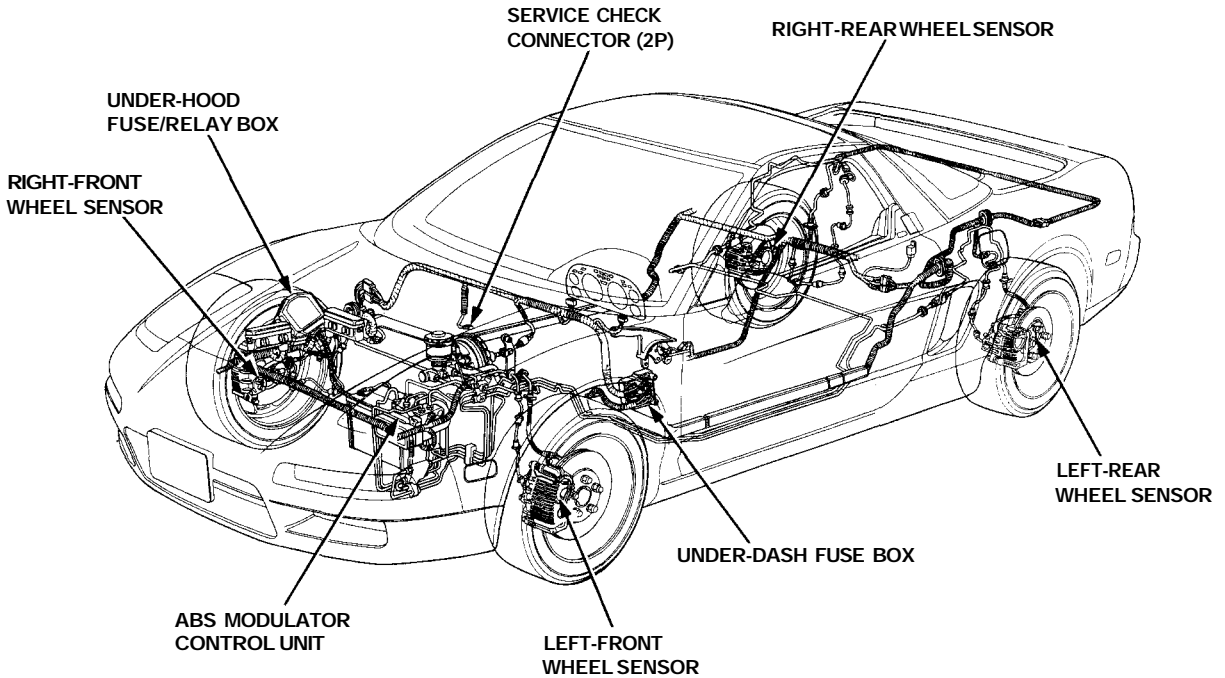
Component Locations

Index (cont'd)

For Troubleshooting of DTC related components, see chart on page [11-52](#).



Component Locations

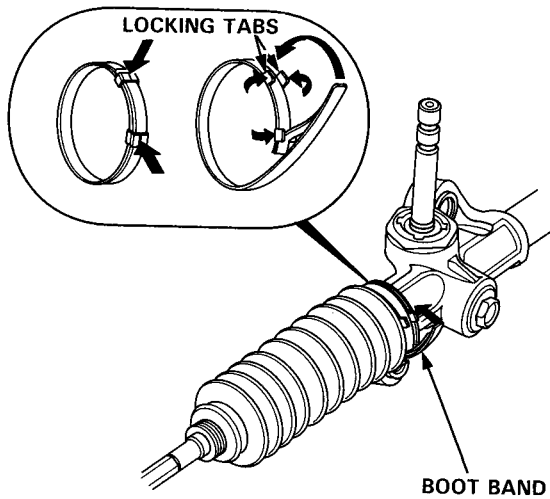


	ITEM	METRIC	ENGLISH	NOTES
WHEEL ALIGNMENT	Camber	Front	-0°20'	
		Rear	-1°30'	
	Caster		8°	
	Toe	Front	Out 0.14 in	
		Rear	In 3/16 in	
BRAKE SYSTEM	Type, front and rear	Power assisted self-adjusting ventilated disc		
	Pad and lining surface area: front/rear	58.0/38.8 cm ²	8.99/6.01 sq in	
	Parking brake type	Mechanical expanding, rear two wheel brakes		
TIRE	Size	Front: 215/40 R17 83Y Rear: 255/40 R17 94Y 165/80 D 16 (Folding spare tire)		
ELECTRICAL	Battery	12 V - 52AH/5HR		M/T A/T
	Starter	12 V - 55AH/5HR		
	Alternator	12 V - 1.4 kW		
	Fuses	12 V - 120 A		
	In the under-dash fuse box	7.5 A, 10 A, 15 A		
	In the under-hood fuse/relay box	7.5 A, 10 A, 15 A, 20 A, 30 A, 40 A, 50 A		
	In the engine compartment fuse/relay box	10 A, 20 A, 30 A, 40 A, 120 A		
	Headlights, high, low	12 V - 65 W, 35 W		
	Front turn signal lights	12 V - 45 CP		
	Front parking lights	12 V - 5 W		
	Rear turn signal lights	12 V - 45 CP		
	Brake/Taillights	12 V - 32/2 CP		
	Taillights	12 V - 2 CP		
	Front side marker lights	12 V - 3 CP		
	Rear side marker lights	12 V - 3 CP		
	Back-up lights	12 V - 32 CP		
	License plate lights	12 V - 8 W		
	Gauge lights	12 V - 3.0 W, 1.4 W		
	Indicator lights	12 V - 1.4 W, 1.96 W		
	Glove box and fuse lights	12 V - 3.4 W		
	Ceiling lights	12 V - 8 W		
Trunk lights	12 V - 3.4 W			
Door courtesy lights	12 V - 3.4 W			
Footwell light	12 V - 5 W			
Illumination and indicator lights	12 V - 1.4 W, 0.84 W			
High mount brake light	12 V - 0.91 W, LED LED			

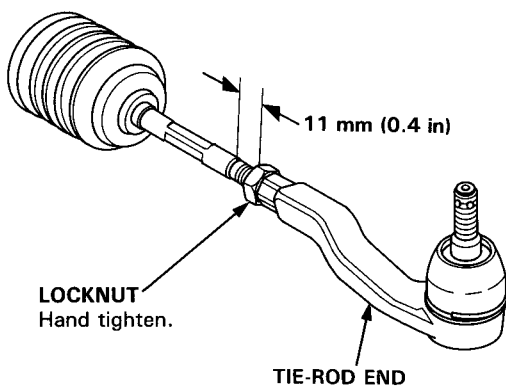


29. Install the new boot bands on the boot and bend both sets of locking tabs.
30. Lightly tap on the doubled portions to reduce their height.

NOTE: After assembling, slide the rack right and left to be certain that the boots are not deformed or twisted.



31. If the tie-rod ends were removed, install the tie-rods on the right and left rack ends and screw them in until the threaded section is 11 mm (0.4 in) in length.



32. Install the gearbox on the front crossbeam (see page 17-20).
33. Check the wheel alignment and adjust if necessary (see section 18).

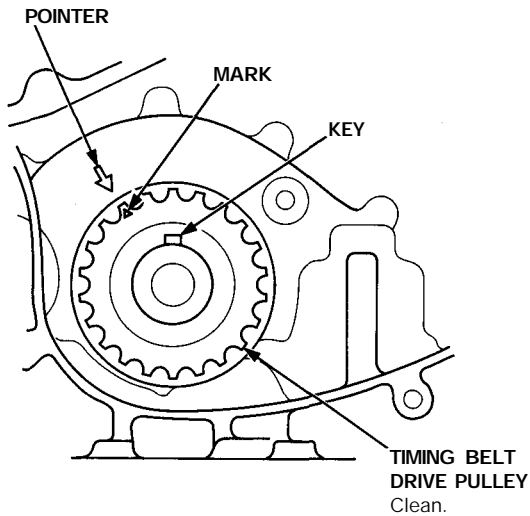
Timing Belt

Installation

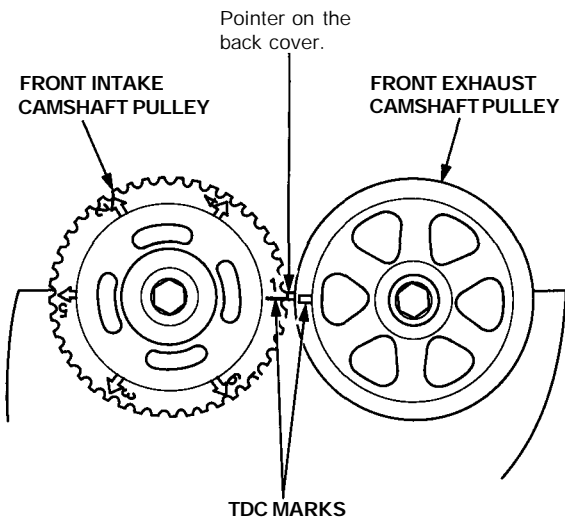
Install the timing belt in the reverse order of removal; Only key points are described here.

NOTE: Clean the middle and lower covers before installation.

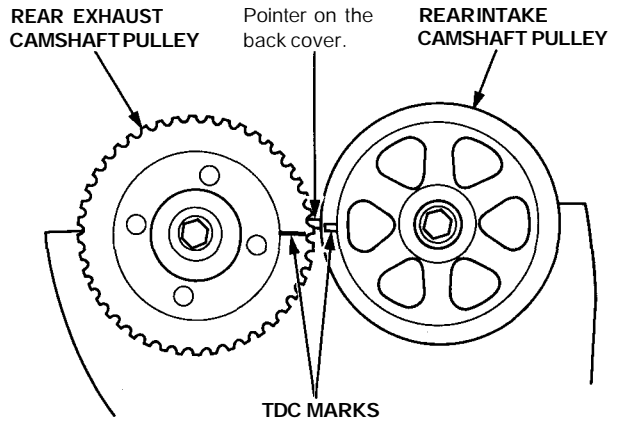
1. Set the timing belt drive pulley so that the No. 1 piston is at top dead center (TDC). Align the A mark on the teeth side of the timing belt drive pulley to the pointer on the oil pump.



Set the front camshaft pulleys so that the No. 1 piston is at TDC. Align the TDC marks on the front exhaust camshaft pulley and front intake camshaft pulley to the pointer on the back cover.



3. Set the rear camshaft pulleys so that the No. 1 piston is at TDC. Align the TDC mark on the rear intake camshaft pulley to the pointer on the back cover. Align the rear exhaust camshaft pulley one half tooth clockwise past TDC.

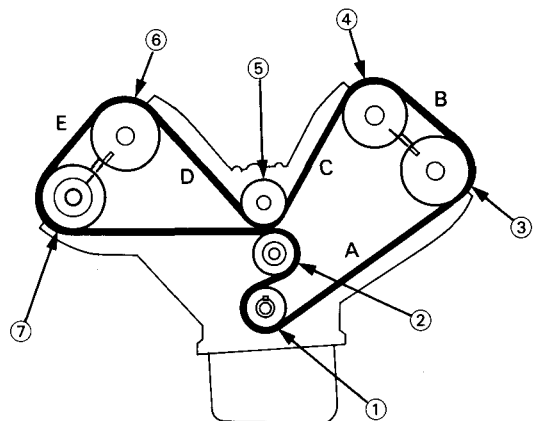


4. Install the timing belt tightly in the sequence shown.

① Timing belt drive pulley (crankshaft) → ② Adjusting pulley → ③ Front exhaust camshaft pulley → ④ Front intake camshaft pulley → ⑤ Water pump pulley → ⑥ Rear intake camshaft pulley → ⑦ Rear exhaust camshaft pulley.

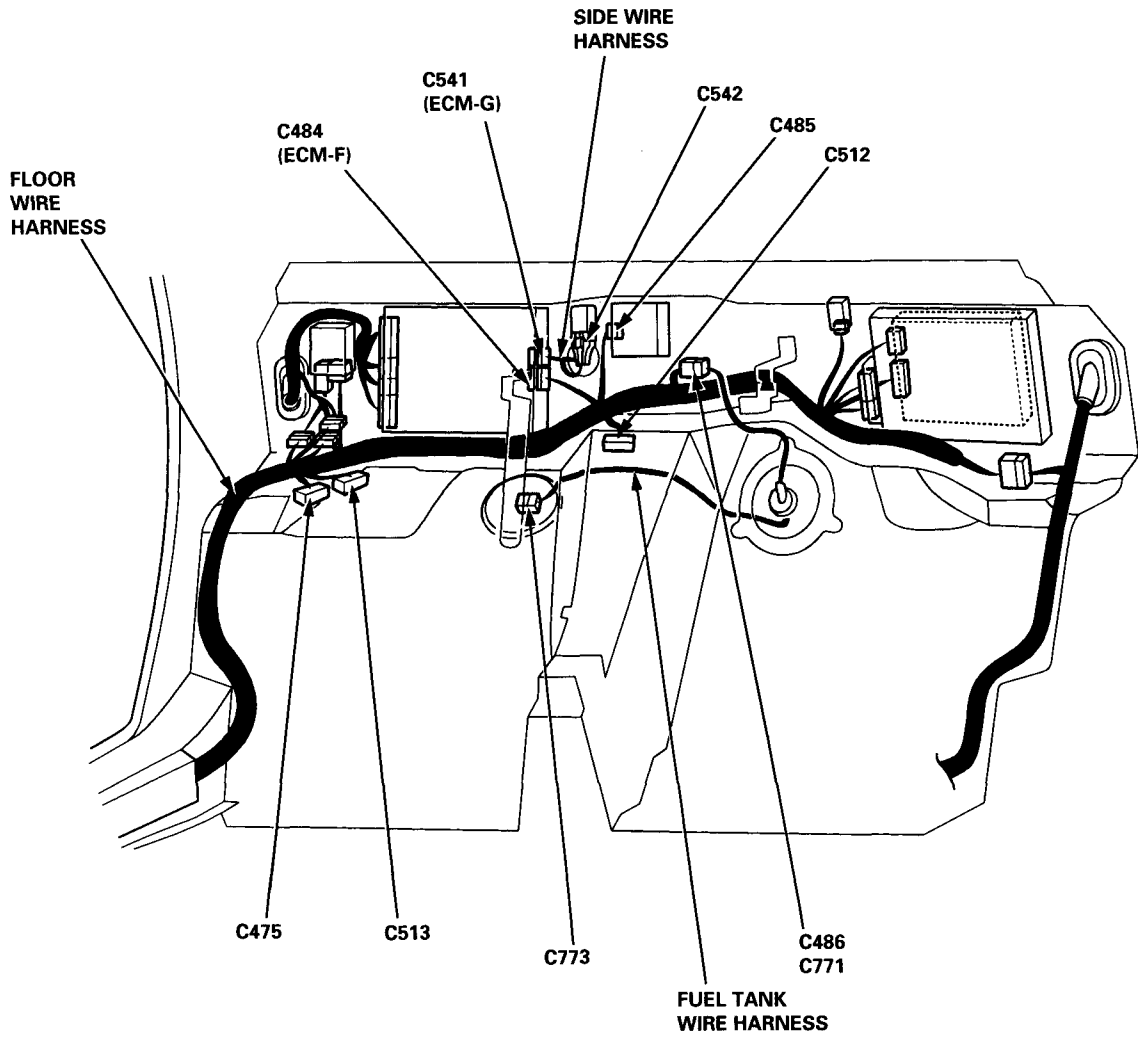
NOTE: Make sure the timing belt drive pulley and camshaft pulleys are at TDC.

5. Tension the timing belt between the pulleys in the sequence A to E as shown below.



System Description

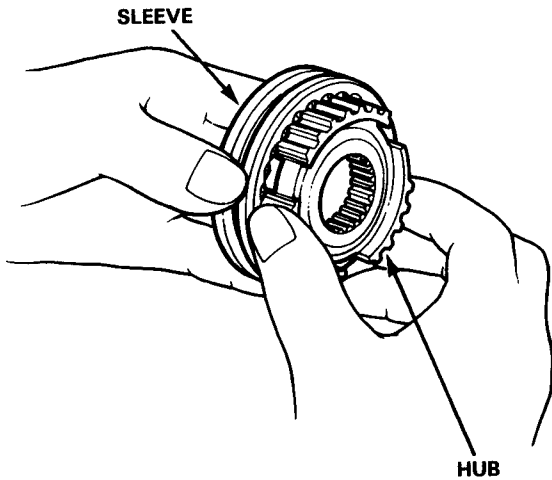
System Connectors [Behind the bulkhead panels] (cont'd)



Synchro Sleeve, Synchro Hub

Inspection

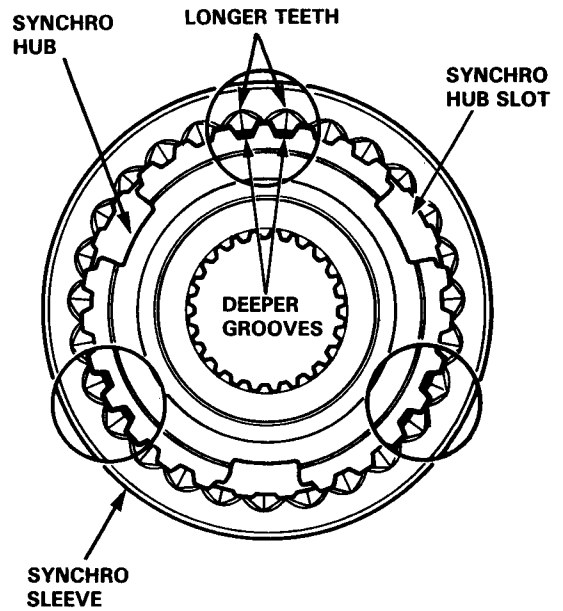
1. Inspect gear teeth on all synchro hubs and synchro sleeves for rounded off corners, which indicates wear.
2. Install each synchro hub in its mating synchro sleeve, and check for freedom of movement. If replacement is required, always replace the synchro sleeve and synchro hub as a set.



Installation

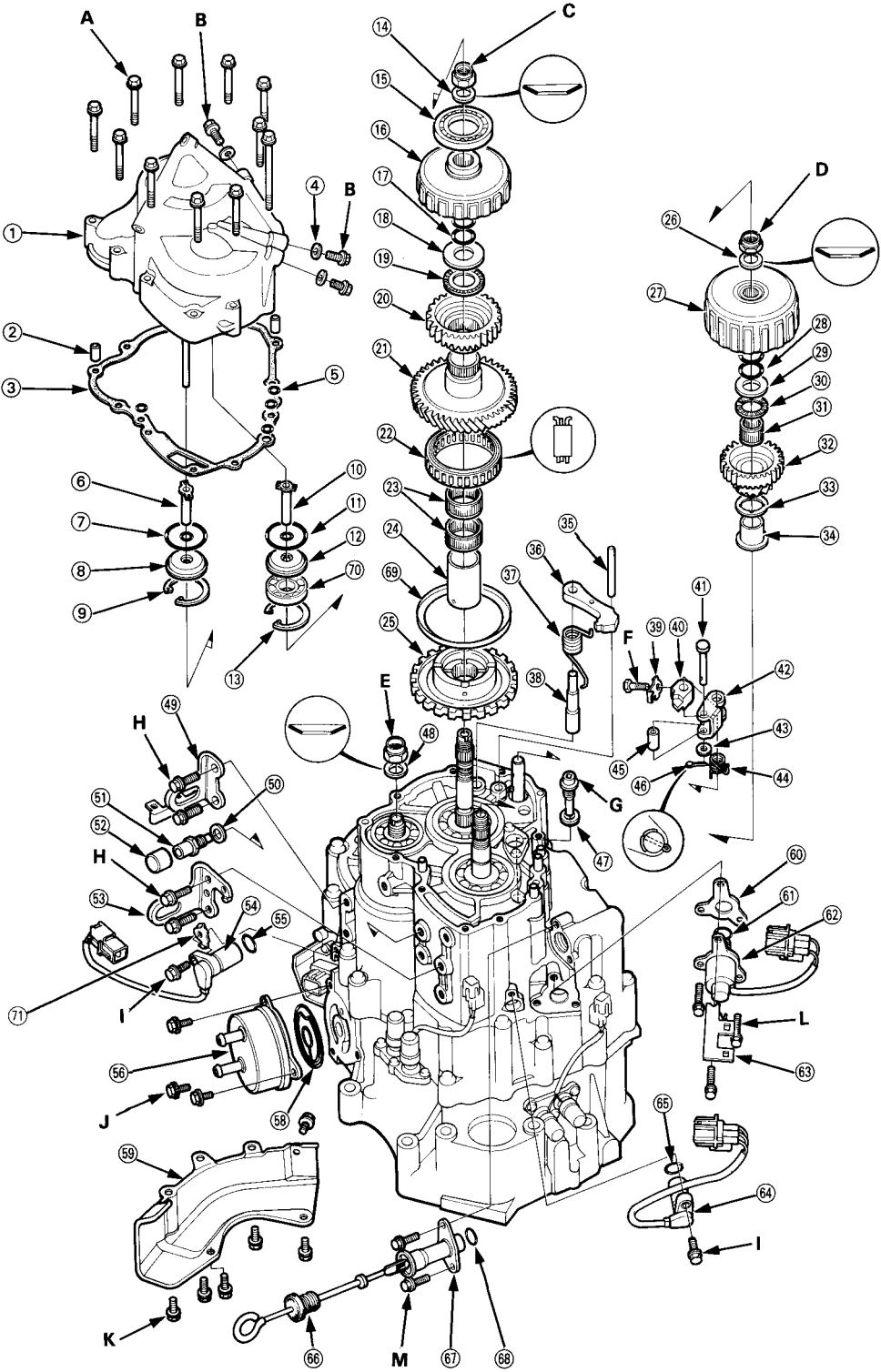
Each synchro sleeve has three sets of longer teeth (120 degrees apart) that must be matched with the three sets of deeper grooves in the synchro hub when assembled.

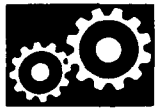
Installing the synchro sleeve with its longer teeth in the synchro hub slots will damage the spring ring.



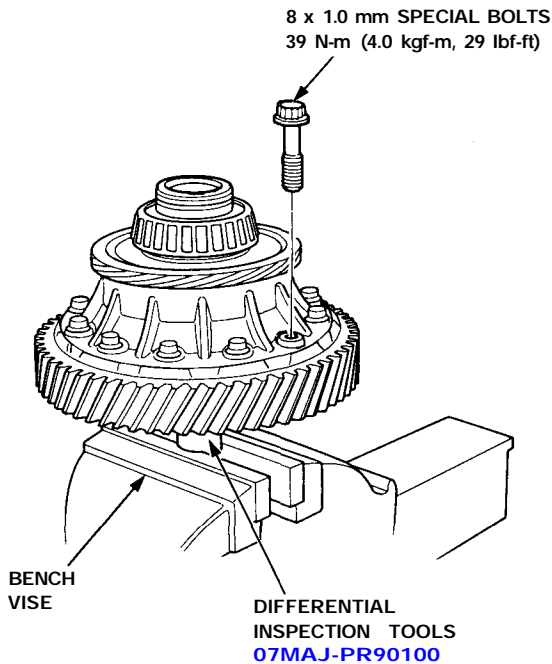
Illustrated Index

Left Side Cover/Transmission





16. Tighten the mounting bolts in a crisscross pattern in several steps.



17. Measure the preset torque (see page 15-4).

**Standard: 59-137 N-m (6-14 kgf-m,
43-101 lbf-ft)**

112 mm SHIM

○ Standard shim

	Part Number	Thickness
A	41261-PR8-000	1.2 mm (0.0472 in)
B	41262-PR8-000	1.4 mm (0.0551 in)
C	41263-PR8-000	1.6 mm (0.0630 in)
D	41264-PR8-000	1.8 mm (0.0709 in)
E	41265-PR8-000	2.0 mm (0.0787 in)
F	41266-PR8-000	2.2 mm (0.0866 in)
Ⓒ	41267-PR8-000	2.4 mm (0.0945 in)
H	41268-PR8-000	2.6 mm (0.1024 in)
I	41269-PR8-000	2.8 mm (0.1102 in)
J	41270-PR8-000	3.0 mm (0.1181 in)

- If the preset torque is more than the standard, select a thinner 112 mm shim, and recheck the preset torque.
- If the preset torque is less than the standard, select a thicker 112 mm shim, and recheck the preset torque.

Wheel Alignment

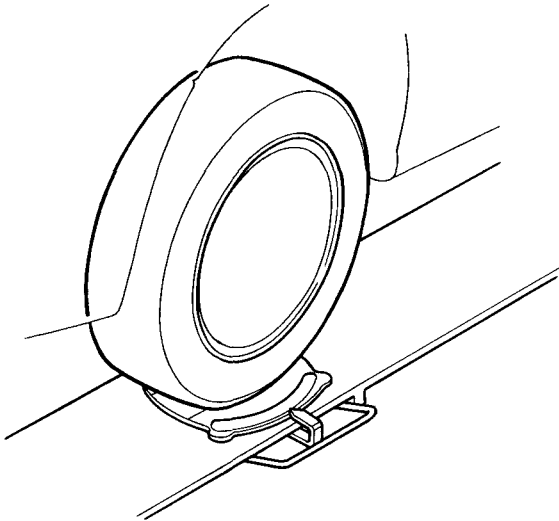
Front Turning Angle Inspection

NOTE:

- Place a vehicle on a level surface before inspection.
 - Release the parking brake and be sure that the vehicle is empty.
 - Check that the suspensions are at the standard height (see page 18-6).
1. Turn the steering wheel fully to the right and left while applying the brake, and measure the turning angle of both wheels.

Turning angle: Inward: $33^{\circ}06' \pm 2^{\circ}$

Outward: 26 34' (Reference value)

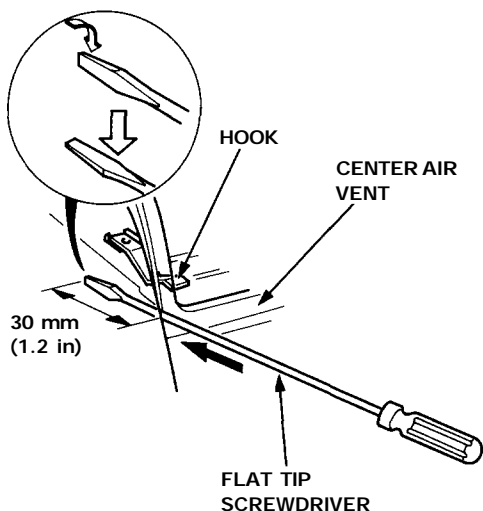


If the measurements are not within the specifications or if the inward turning angles differ between the right and left, check the toe and adjust accordingly (see page 18-8).

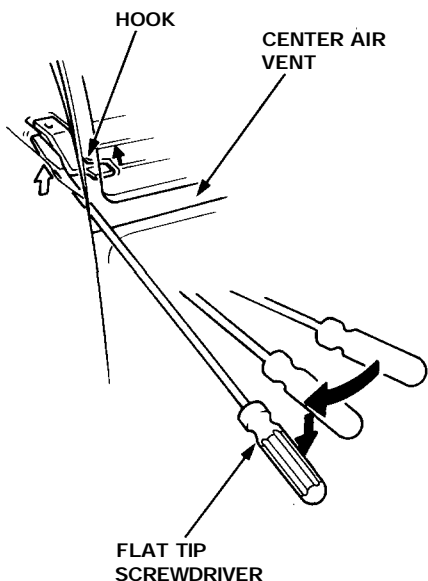
3. If the toe adjustment is within specifications, and turning angle is still off, check for bent or damaged suspension components.



6. After inserting the screwdriver, turn it 90°.

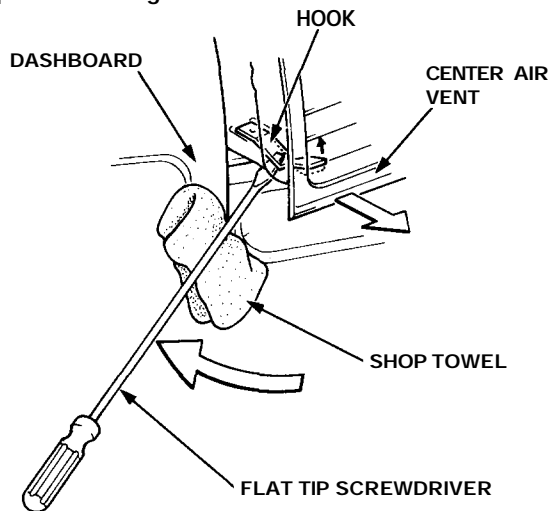


Insert the tip the screwdriver in under the hook by pivoting it. Detach the hook by prying it.

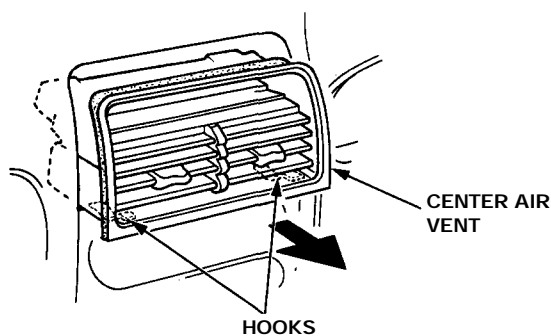


8. Pull the center air vent backward while prying the hook.

CAUTION: Use a shop towel on the dashboard to prevent damage.



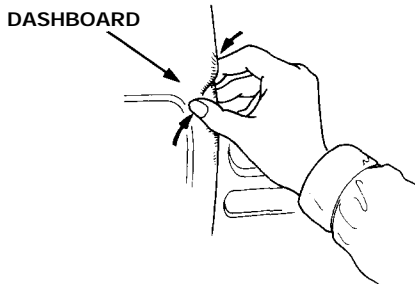
9. Detach the other hook in the same manner, then remove the center air vent.



10. Install the center air vent and clock.

NOTE:

- If there is a minor dent on the dashboard, repair it by hand as shown.



- Make sure the connector of the clock is connected properly.

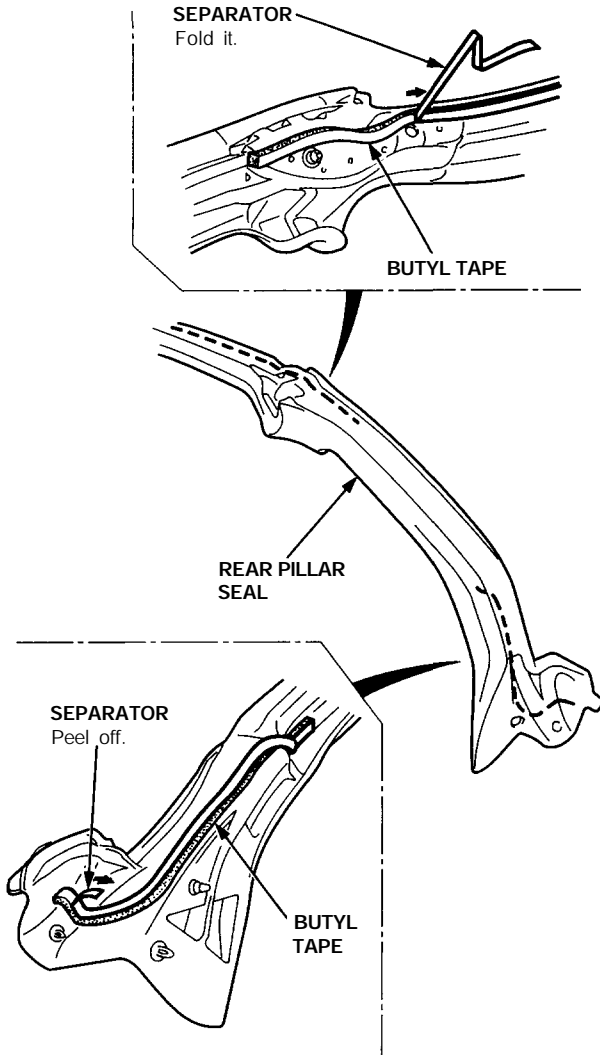
(cont'd)

Rear Pillar Seal/Retainer

Replacement (cont'd)

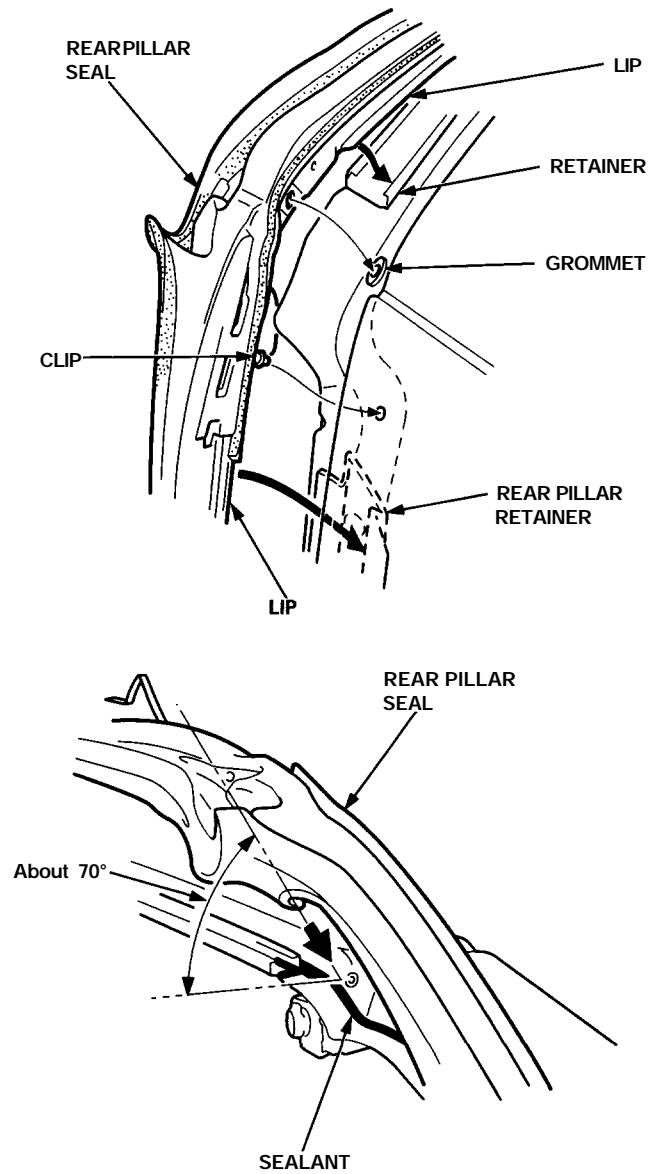
11. Peel the separator off from the butyl tape on the new rear pillar seal.

NOTE: Fold the separator of butyl tape at the roof portion of the rear pillar seal.



12. Align the hole and clip on the rear pillar seal with the grommet and hole on the body, and engage the lips of the rear pillar seal with the groove of the retainers, then gently set each corner of the rear pillar seal down on the sealant as shown.

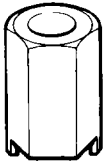
NOTE: Do not press on the seal yet to make the adhesive stick.



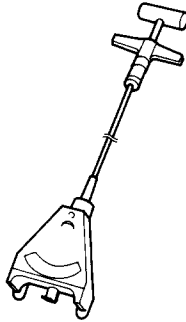
Special Tools

Ref. No.	Tool Number	Description	Qty	Page Reference
①	07JAA - 001000C	Antenna Nut Wrench	1	23-244, 23-246
②	07JGG - 001010A	Belt Tension Gauge	1	23-109
③	07LAJ - PT3020A	Test Harness	1	23-132
④*	07LAZ - SL40300	Test Harness C	1	23-252, 23-309
⑤	07PAZ - 0010100	SCS Service Connector	1	23-91

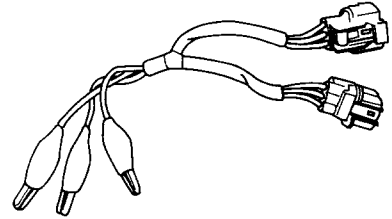
*: Included in SRS Tool Set 07MAZ - SM5000B



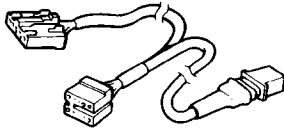
①



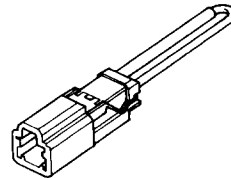
②



③



④



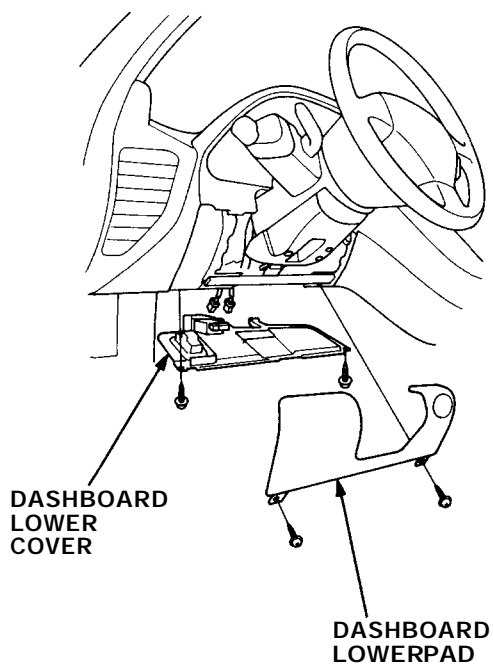
⑤

Gauge Assembly

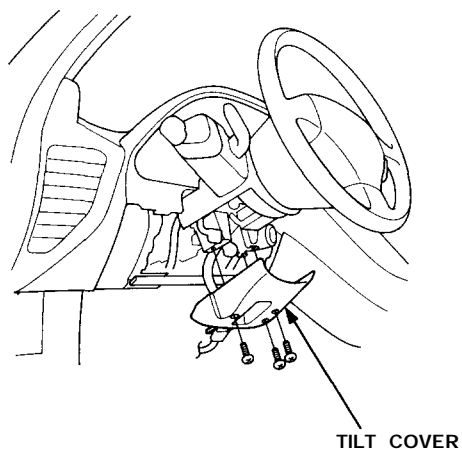
Removal

SRS components are located in this area. Review the SRS component locations, precautions, and procedures in the SRS ([section 24](#)) before performing repairs or service.

1. Remove the dashboard lower cover, and disconnect the floor wire harness connectors.
2. Remove the two screws, then remove the dashboard lower pad from the dashboard.



3. Remove the three screws, then remove the tilt cover from the steering column.



4. Disconnect the connectors from the instrument panel switches.
5. Remove the six screws, then remove the instrument panel trim from the dashboard.

