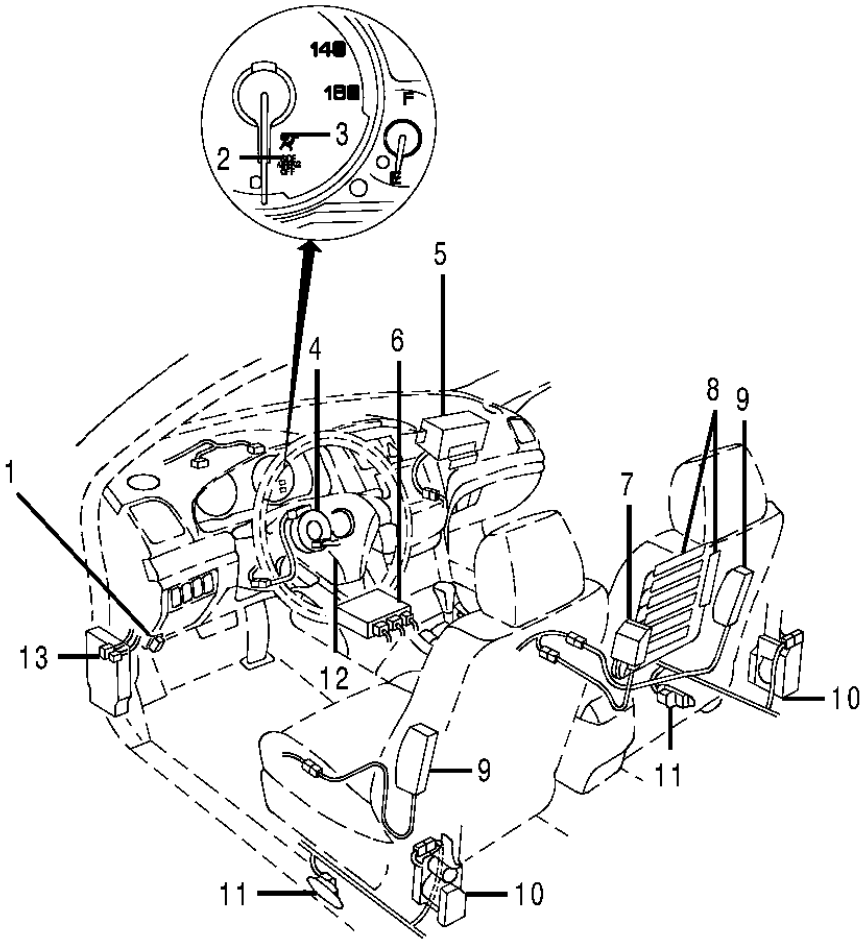

1. Data Link Connector (DLC)
2. Side Air Bag Cutoff Indicator
3. AIR BAG Warning Light
4. Cable Reel
5. Passenger-Side Air Bag Module
6. SRS Unit
7. OPDS Unit
8. OPDS Sensors
9. Side Air Bag Module
10. Seat Belt Pretensioner
11. Side Impact Sensor
12. Driver-Side Air Bag Module
13. Memory Erase Signal (MES) Connector

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Fig. 1: Locating Restraint System Components (1 Of 2)
Courtesy of AMERICAN HONDA MOTOR CO., INC.

SYSTEM OPERATION CHECK .

COMPUTER RELEARN

Idle Relearn

Ensure sure all electrical accessories (A/C, audio, rear defogger, lights, etc.) are off. Using HDS tester or HDS, perform PCM RESET in the CLEAR MENU. Turn ignition switch to ON position and wait 2 seconds. Start engine and hold at 3000 RPM (in Park or Neutral with no load) until radiator fan comes on, or until engine temperature reaches 194°F (90°C). Let engine idle for about 5 minutes, with throttle fully closed. If radiator fan comes on, do not include its running time in the 5 minutes.

Window Control Unit Relearn

Turn ignition off. Turn ignition on. Push driver's window switch down to second detent to fully lower window. When window reaches bottom position, continue to depress switch for 2 seconds, then release switch. Pull driver's window switch up to second detent to fully raise window. When window reaches top position, continue to pull switch for 2 seconds, then release switch. If window does not operate in AUTO position, repeat procedure.

DISPOSAL PROCEDURES

Before scrapping air bags or seat belt pretensioners, including those installed in vehicle to be scrapped, they must be deployed. Treat undeployed air bags and seat belt pretensioners with extreme care. Wear safety glasses and gloves when handling deployed them. Wash hands and rinse well with water after handling deployed air bag assemblies and seat belt pretensioners.

If vehicle is still within warranty period, contact manufacturer for disposal instructions before deploying air bags.

AIR BAG DEPLOYMENT

WARNING: Air bag assemblies become very hot when deployed. Personal injury may result. Wait at least 30 minutes before handling deployed air bag assemblies.
Flying debris is possible. Personal injury may result. Ensure air bag assemblies are securely mounted to vehicle.

NOTE: If vehicle is to be scrapped, deploy air bags and pretensioners on vehicle.

On-vehicle

1. Before proceeding, see **AIR BAG SAFETY PRECAUTIONS** . Disconnect negative battery cable and wait at least 3 minutes. Ensure each air bag and pretensioner is securely mounted. Ensure proper operation of Deployment Tool (07HAZ-SG00500) by connecting a 12-volt battery per instructions supplied with tool.

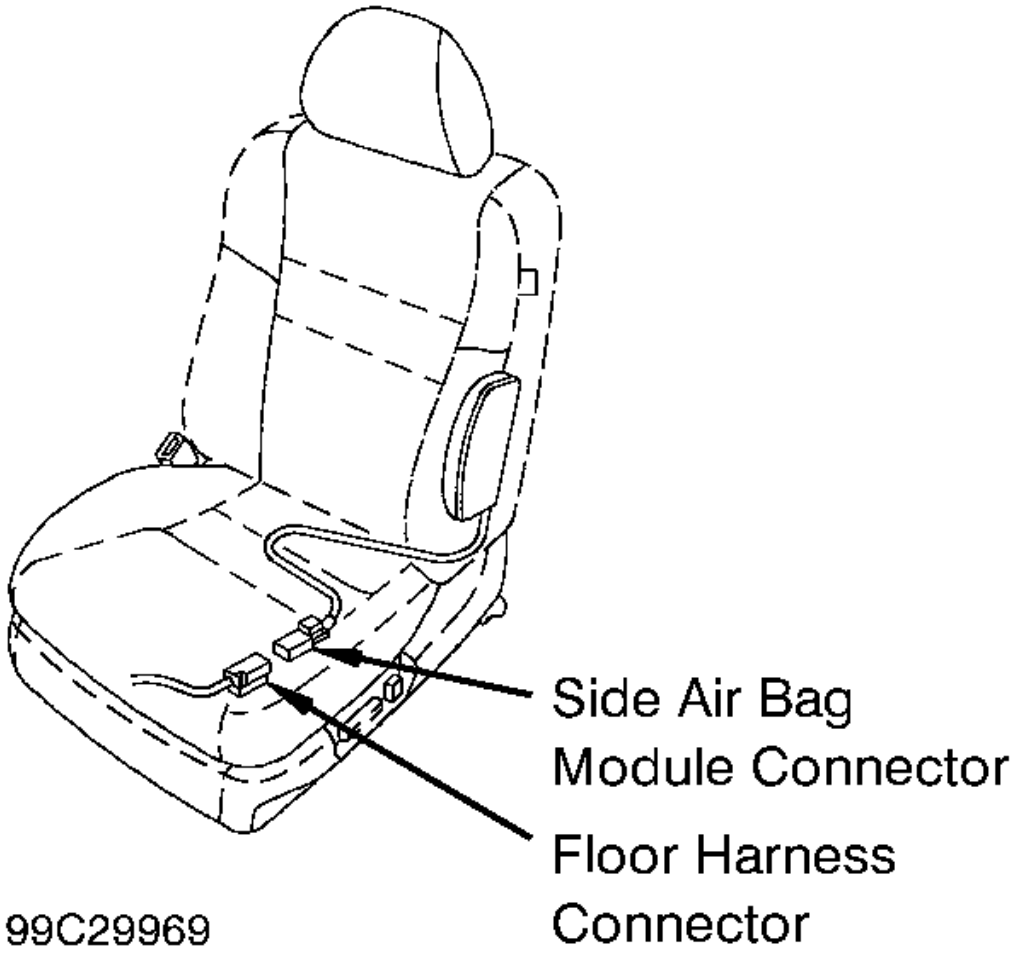

Fig. 6: Identifying Side Air Bag Module Connector
Courtesy of AMERICAN HONDA MOTOR CO., INC.

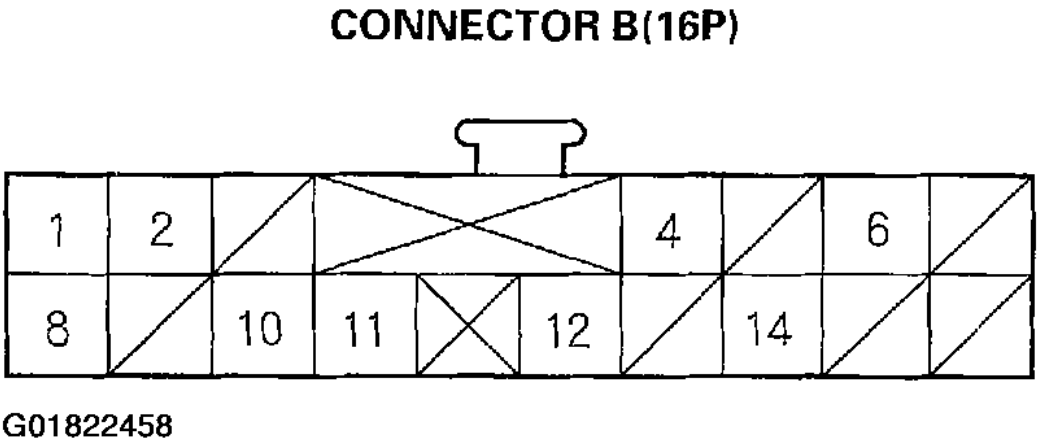

Fig. 30: Identifying Audio-HVAC Display Panel Connector B Terminals

NOTE: For audio-HVAC display panel connector location, go to Audio Unit Connector Replacement; with navigation (see AUDIO UNIT CONNECTOR REPLACEMENT), without navigation (see AUDIO UNIT CONNECTOR REPLACEMENT).

Cavity	Wire color	Signal	
1	PNK/BLK	DRIVER'S AIR MIX POTENTIAL	INPUT
2	YEL	PASSENGER'S AIR MIX POTENTIAL	INPUT
3	—	—	—
4	—	—	—
5	BLU	A/C PRESSURE SWITCH	OUTPUT
6	YEL/BLU	MODE DEF	OUTPUT
7	YEL/RED	MODE VENT	OUTPUT
8	GRN	DRIVER'S AIR MIX COOL	OUTPUT
9	PNK/BLU	DRIVER'S AIR MIX HOT	OUTPUT
10	YEL/BLK	PASSENGER'S AIR MIX COOL	OUTPUT
11	LT BLU	IN-CAR TEMPERATURE SENSOR	INPUT
12	PNK	OUTSIDE AIR TEMPERATURE SENSOR	INPUT
13	ORN	SUNLIGHT SENSOR	INPUT
14	BRN	EVAPORATOR TEMPERATURE SENSOR	INPUT
15	RED/BLK	SENSOR COMMON GROUND	OUTPUT
16	YEL/GRN	MODE 4	INPUT
17	WHT/BLU	MODE 3	INPUT
18	RED/BLU	MODE 2	INPUT
19	RED/YEL	MODE 1	INPUT
20	GRY	AIR MIX POTENTIAL +5 V	OUTPUT
21	—	—	—
22	LT GRN	PASSENGER'S AIR MIX HOT	OUTPUT

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Fig. 31: Audio-HVAC Display Panel Connector A Pin Voltage Chart

NOTE:

- **Record all freeze data and review General Troubleshooting Information (see GENERAL TROUBLESHOOTING INFORMATION) before you troubleshoot.**
- **This code is caused by an electrical circuit problem and cannot be caused by a mechanical problem in the transmission.**

1. Clear the DTC with the HDS.
2. Check the 2nd PRES SWITCH signal with the HDS in the A/T data list when not in 2nd gear.

   Is the 2nd PRES SWITCH OFF?

   YES: Go to step 3.

   NO: Go to step 5 .
3. Start the engine, and warm it up to normal operating temperature (the radiator fan comes on). Drive the vehicle in 2nd gear in the **D** position for more than 5 seconds, then upshift to 4th gear, and drive in 4th gear for more than 5 seconds. Slow down to a stop.
4. Check the OBD STATUS in DTCs MENU for a pass/fail test of code P0842.

   Did the result indicate a fail?

   YES: Go to step 5.

   NO: Intermittent failure, the system is OK at this time. Check the BLU/RED wire for an intermittent short to ground between the 2nd clutch transmission fluid pressure switch and PCM. If the tester indicates NOT COMPLETE, return to step 3 and recheck.
5. Turn the ignition switch OFF.
6. Disconnect the 2nd clutch transmission fluid pressure switch connector.
7. Turn the ignition switch ON (II).
8. Check the 2nd PRES SWITCH signal with the HDS in the A/T data list.

   Is the 2nd PRES SWITCH OFF?

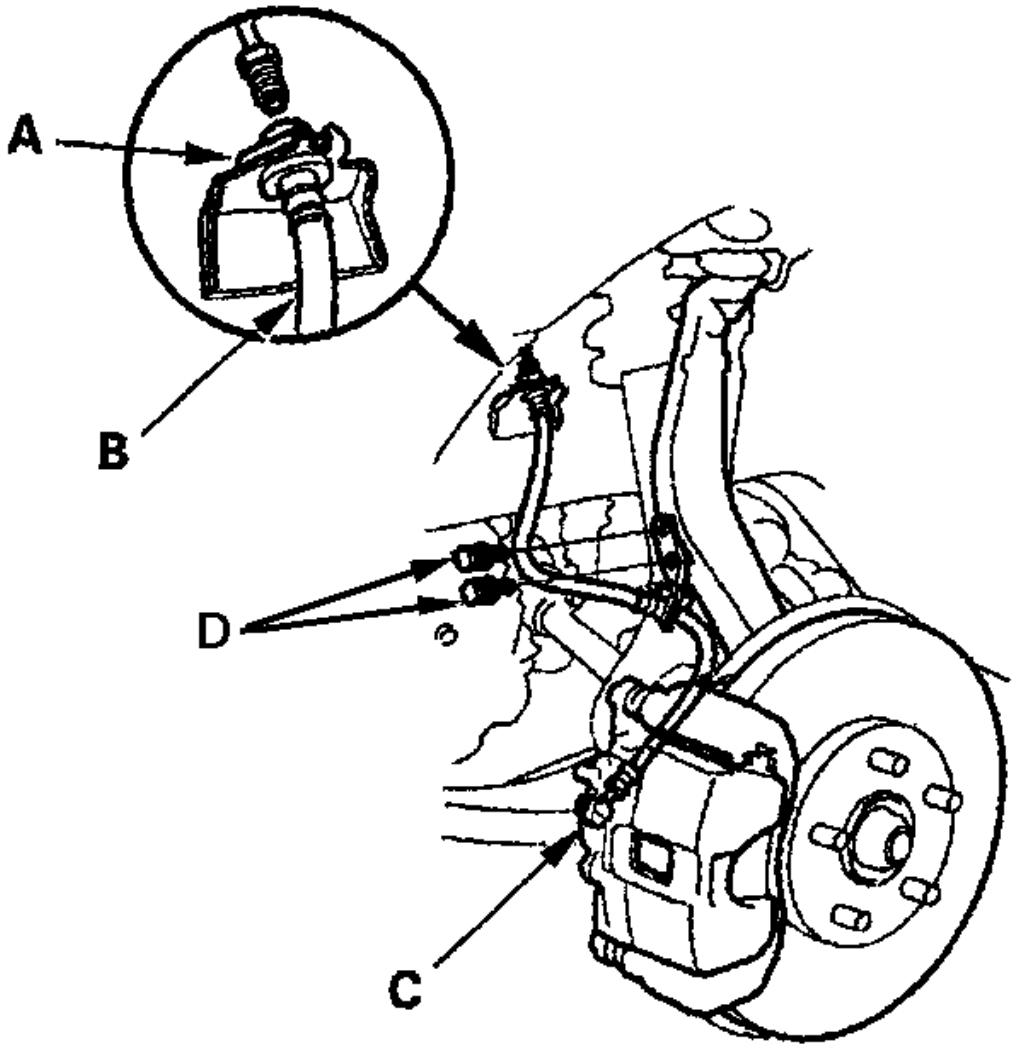
   YES: Replace the 2nd clutch transmission fluid pressure switch (see **2ND CLUTCH TRANSMISSION FLUID PRESSURE SWITCH REPLACEMENT**), then go to step 13 .

   NO: Go to step 9.
9. Turn the ignition switch OFF.
10. Jump the SCS line with the HDS.
11. Disconnect PCM connector C (22P).
12. Check for continuity between PCM connector terminal C13 and body ground.

    Is there continuity?

    YES: Repair short to ground in the wire between PCM connector terminal C13 and the 2nd clutch transmission fluid pressure switch, then go to step 13.

    NO: Update the PCM if it does not have the latest software, or substitute a known-good PCM (see **PCM UPDATING & SUBSTITUTION FOR TESTING**), then recheck. If the symptom/indication goes away with a known-good PCM, replace the original PCM.



A - Brake Hose Clip
B - Brake Hose
C - Banjo Bolt
D - Flange Bolts

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Fig. 22: Removing Brake Hose
Courtesy of AMERICAN HONDA MOTOR CO., INC.

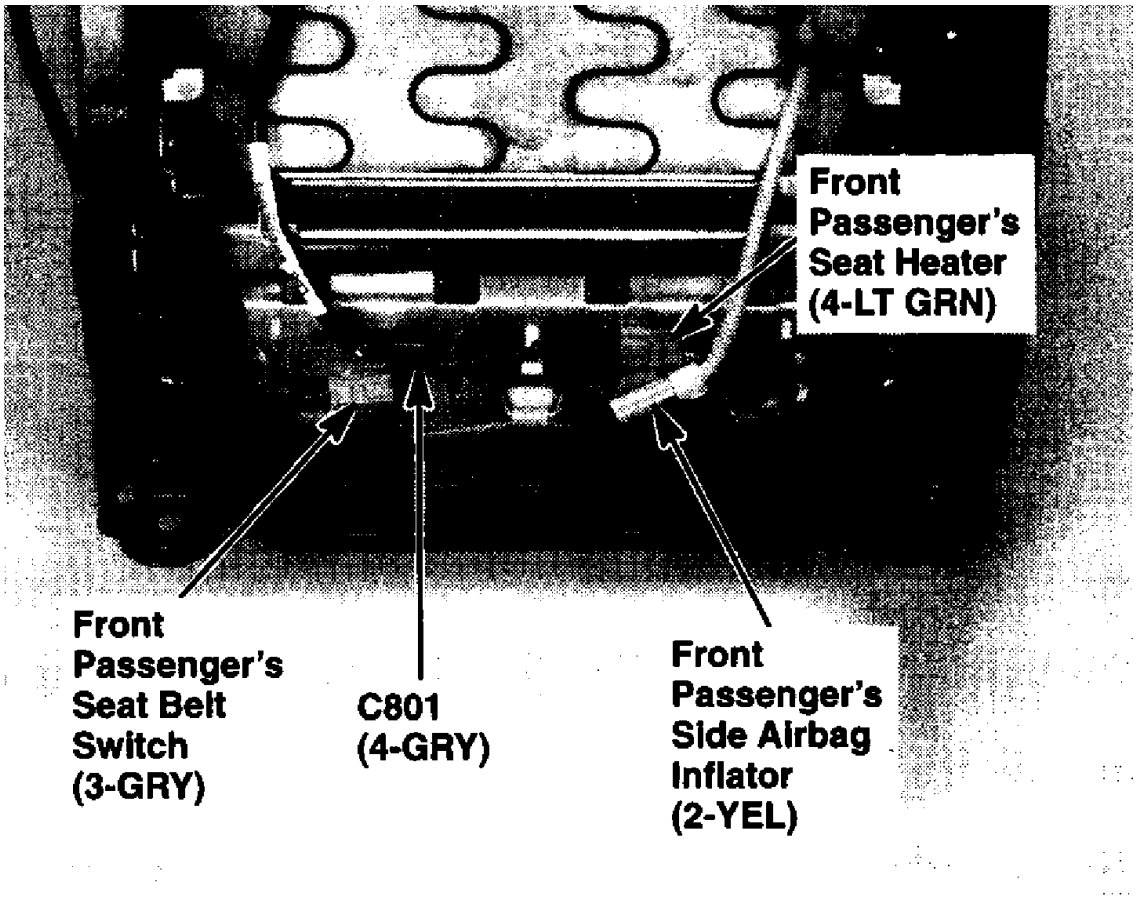

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Fig. 76: Under Front Passenger's Seat
Courtesy of AMERICAN HONDA MOTOR CO., INC.

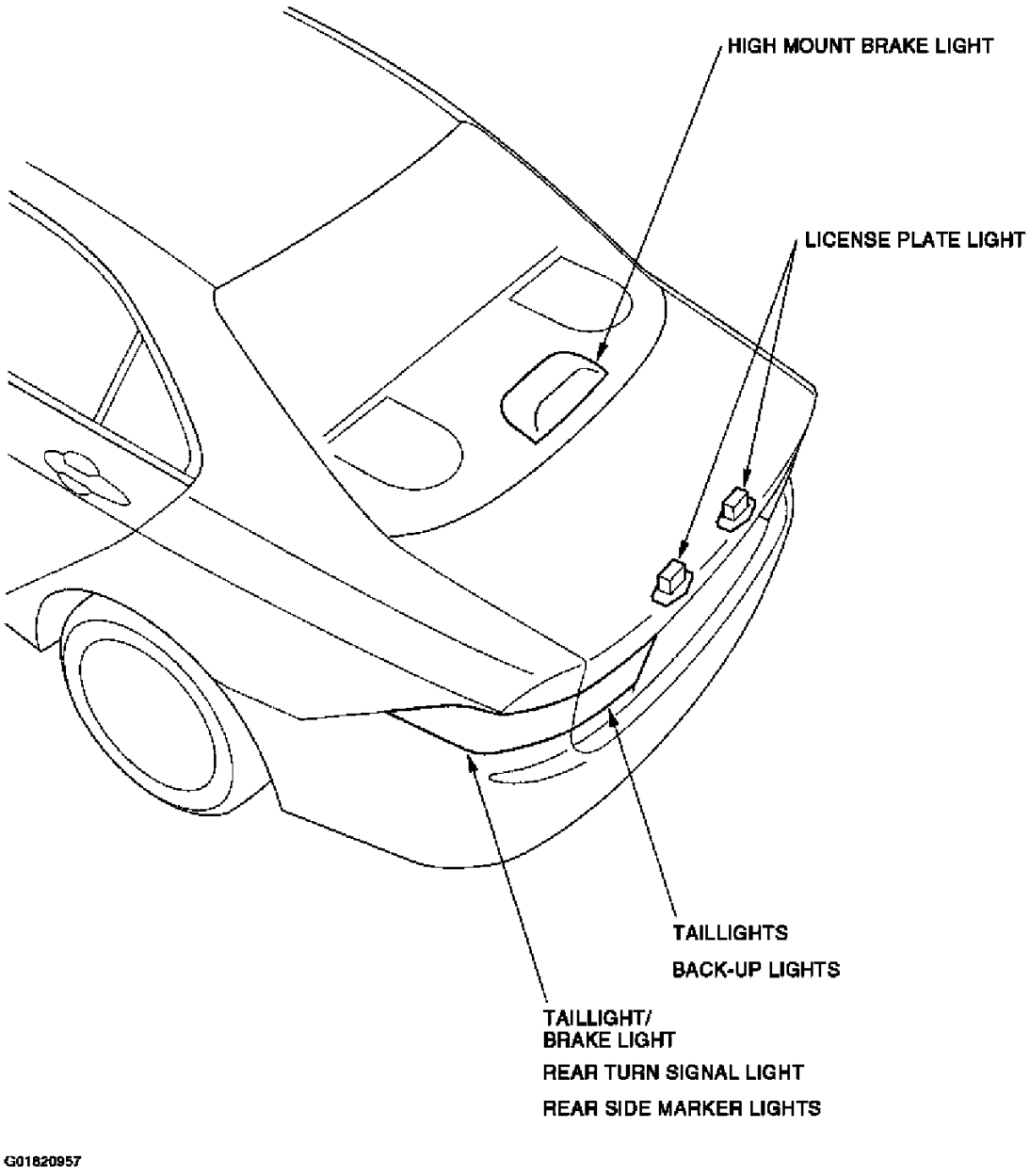

Fig. 3: Locating Exterior Lights Components (3 Of 3)

CIRCUIT DIAGRAM

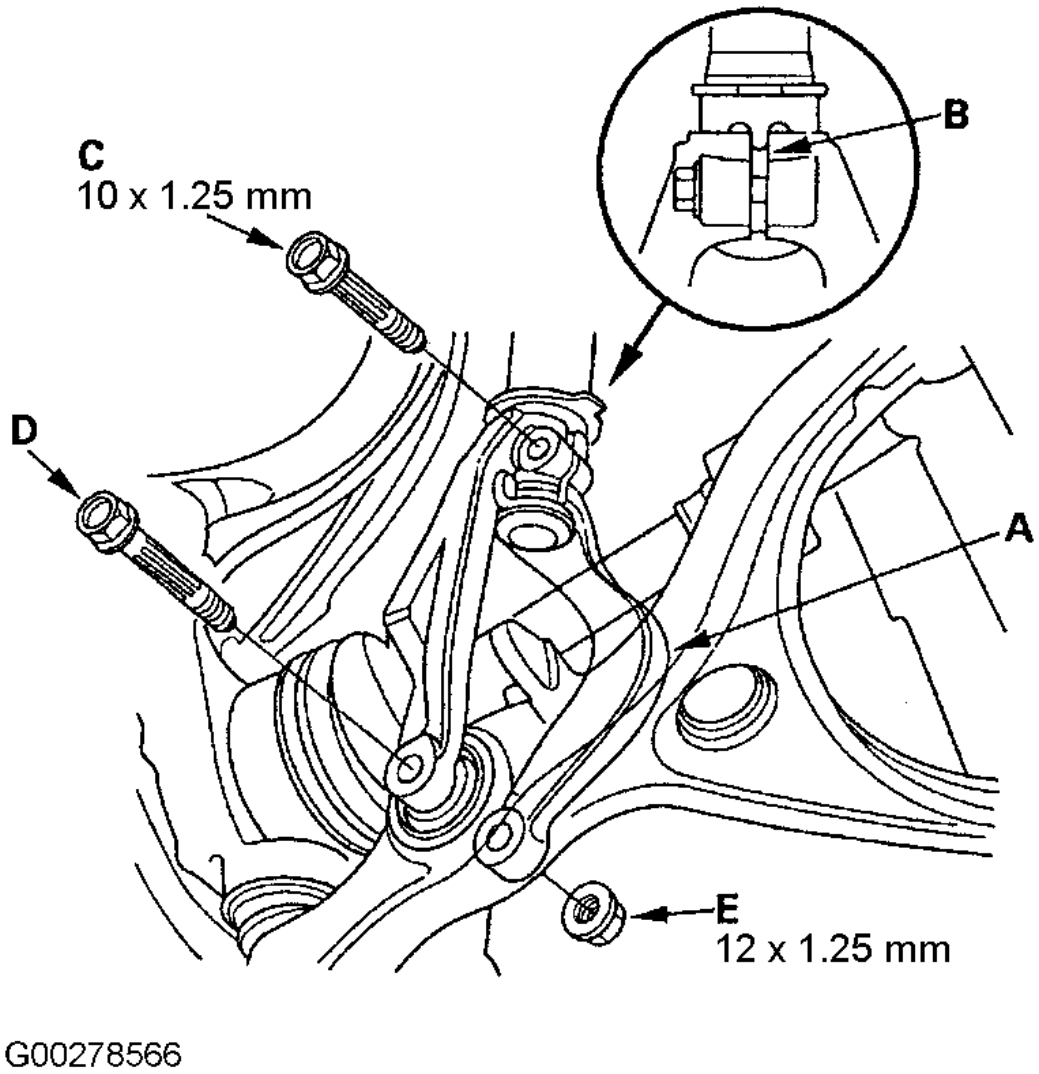

Fig. 13: Installing Damper Fork Over Axle Shaft & Onto Lower Arm
Courtesy of AMERICAN HONDA MOTOR CO., INC.

INTERMEDIATE SHAFT

NOTE: Letters in parenthesis correspond to letters in illustrations.

Removal

1. Drain the transmission fluid.
    - Manual transmission. See appropriate SERVICING in MANUAL TRANSMISSIONS.

Is the battery condition normal and the charging system OK?

YES: Go to step 6.

NO: Abnormal battery condition which needs a recharge or replacement, or a charging system repair.

6. With gauge control module connector B (18P) still connected, check for voltage between the No. 10 terminal and body ground.

Is there 7.5 V or more?

YES: Go to step 7.

NO: Repair an open or high resistance in the YEL wire between the gauge control module and under-dash fuse/relay box.

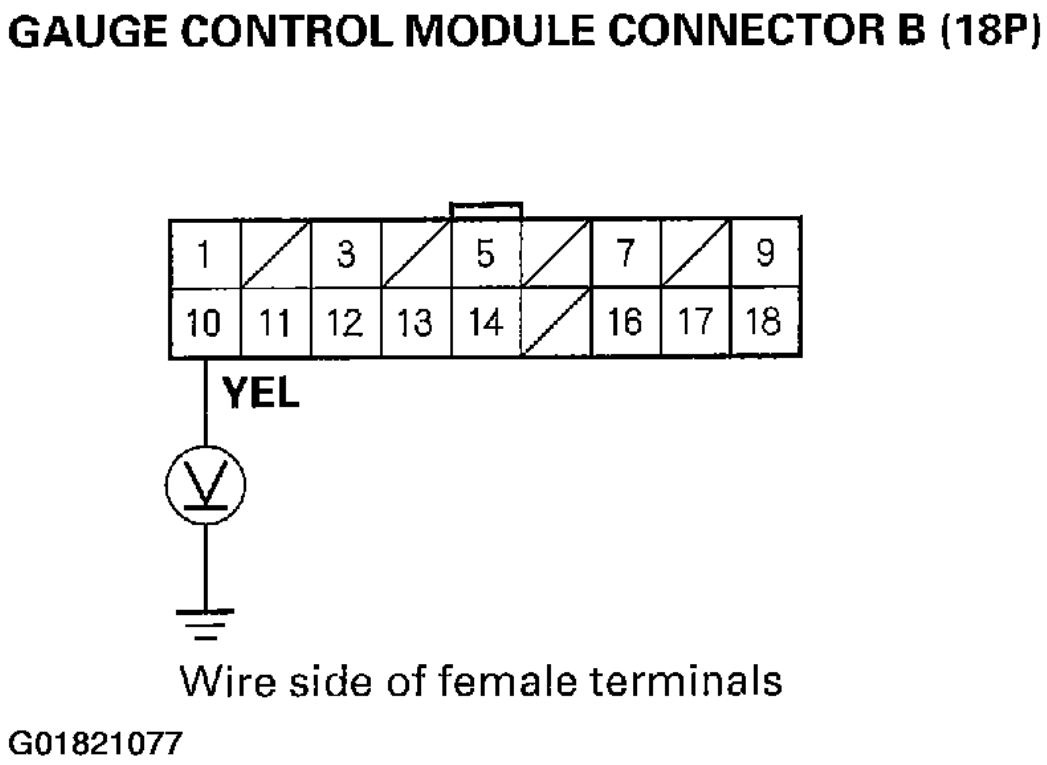

Fig. 22: Checking For Voltage Between The No. 10 Terminal & Body Ground

7. Check for voltage between the No. 10 and No. 9 terminals.

Is there 7.5 V or more?

YES: Faulty gauge control module; replace the gauge control module (see **GAUGE CONTROL MODULE REPLACEMENT**).

NO: Repair an open or high resistance in the BLK wire between the gauge control module and ground.

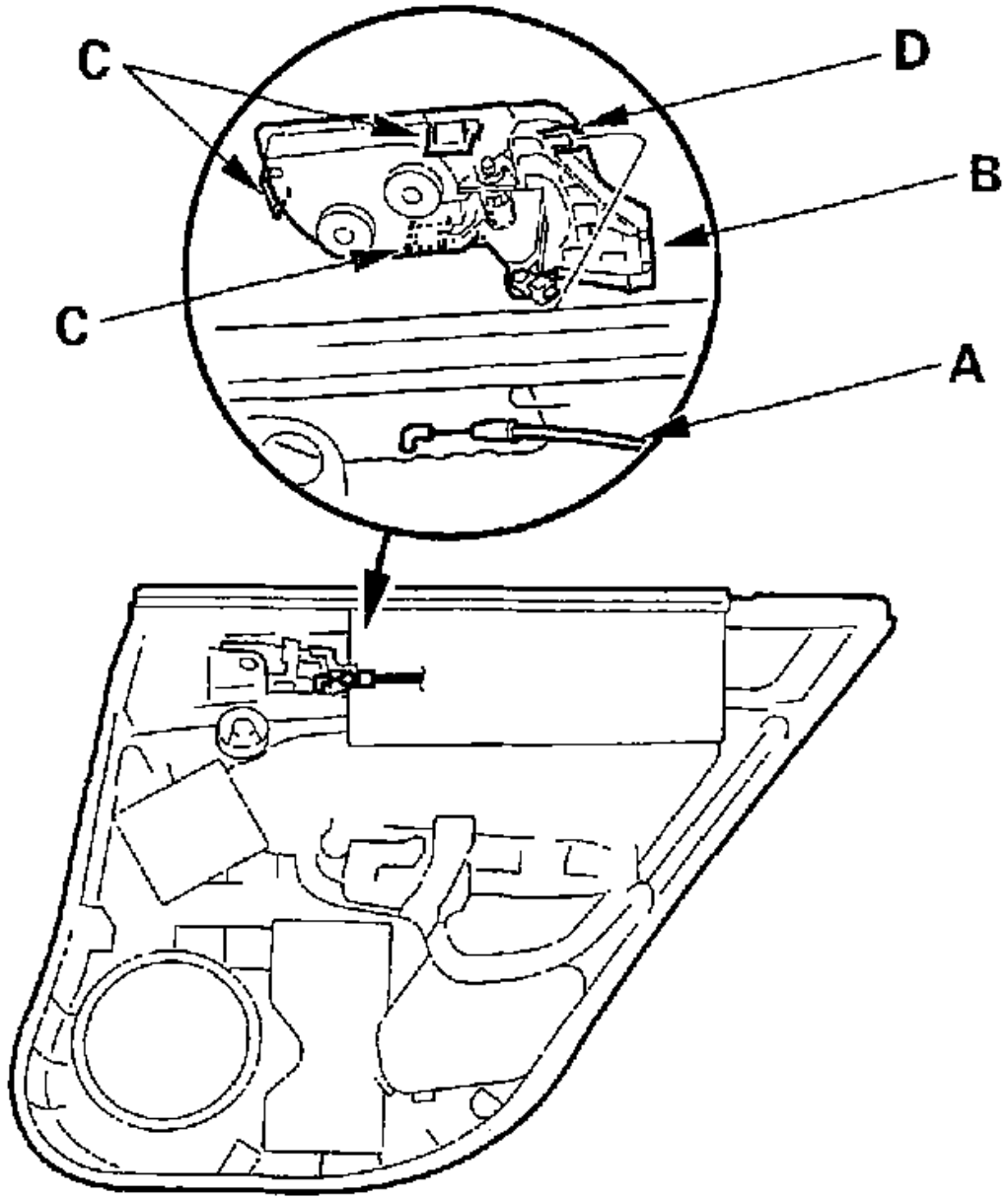

Fig. 40: Removing The Inner Handle Cable

8. If necessary, remove the door glass inner weatherstrip (A) from the door panel (B).

18. Install the 6th gear (A) by aligning the synchro cone fingers (B) with the holes in the 6th gear (C).

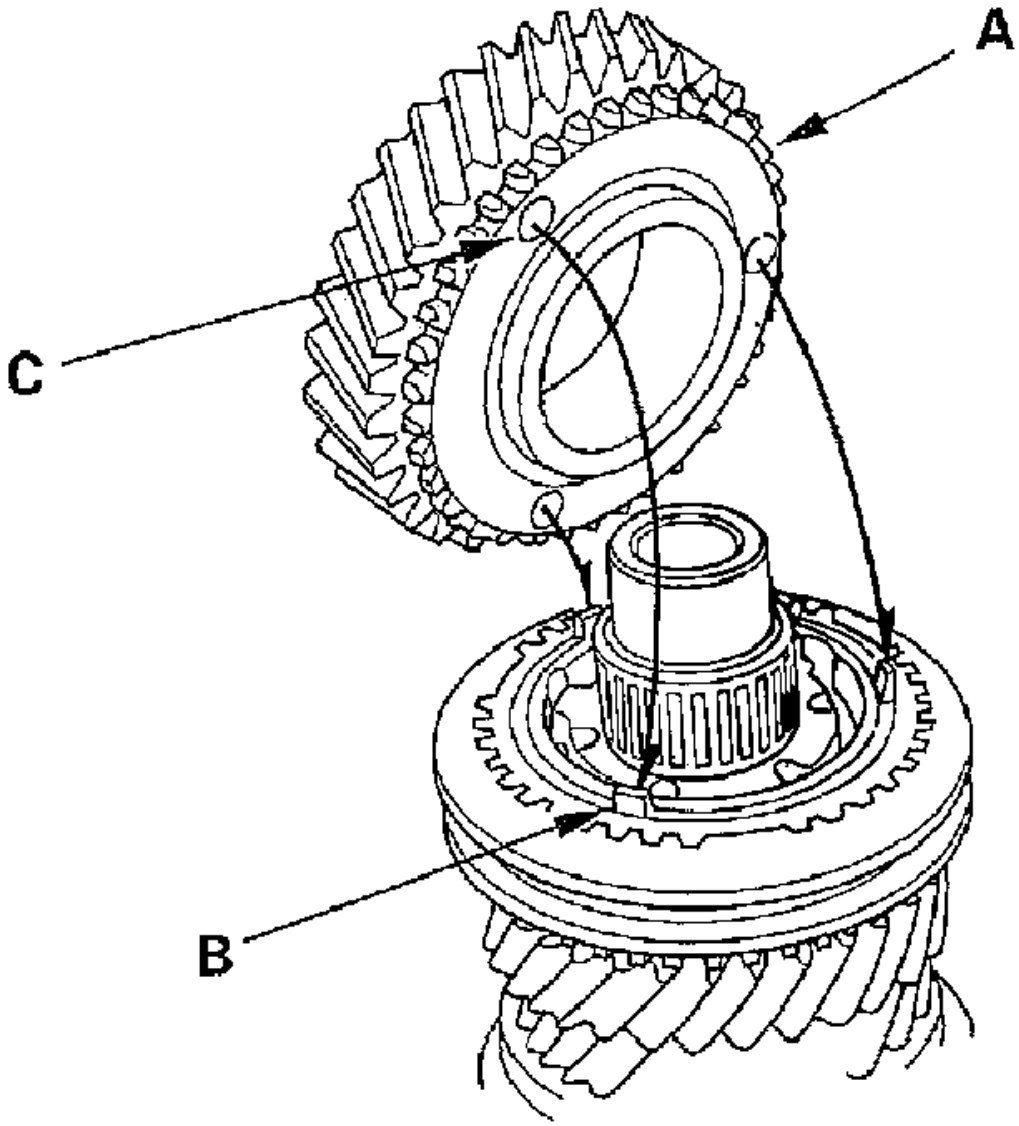

Fig. 69: Installing The 6th Gear

19. Install the NEW ball bearing (A) using the special tools and press (B).

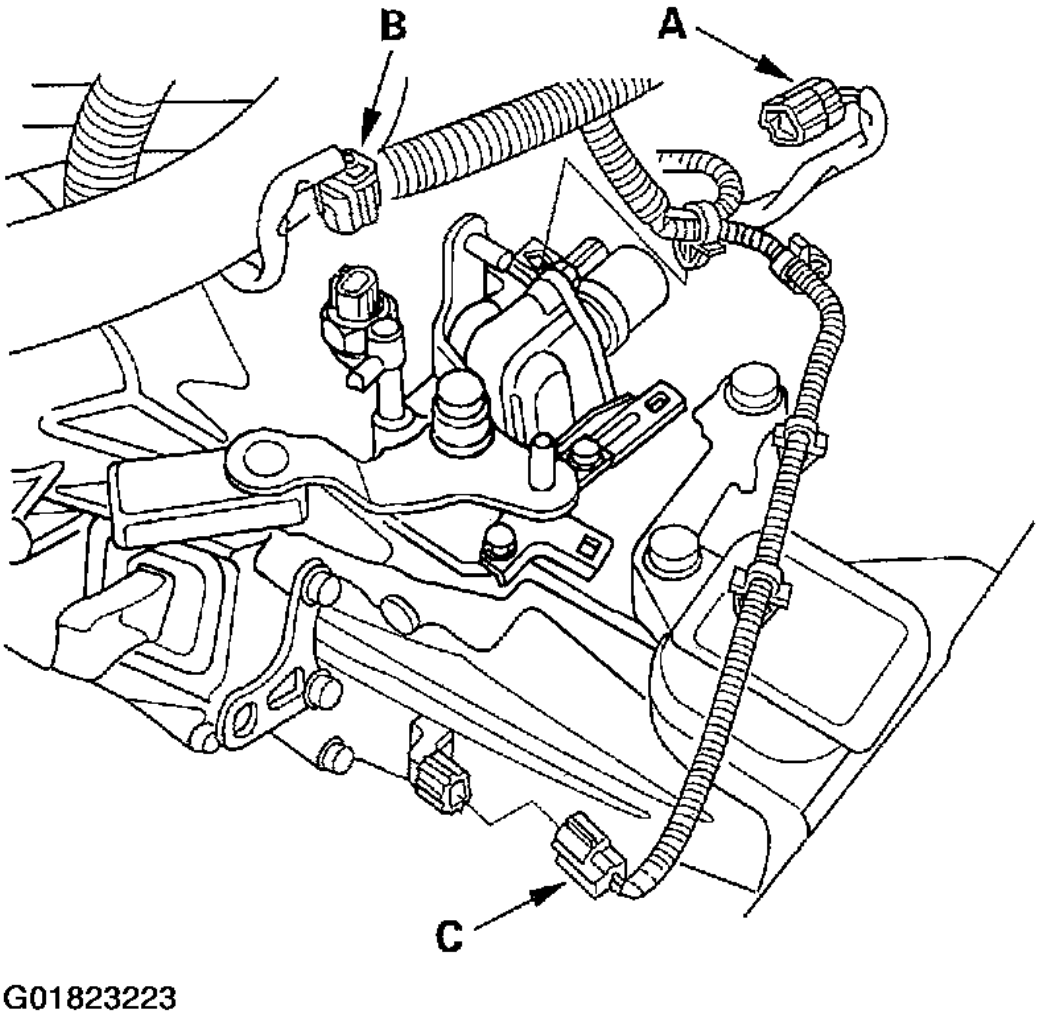

Fig. 57: Connecting The Reverse Lockout Solenoid, Back-Up Light Switch, And Countershaft Speed Sensor Connectors

33. Install the cable bracket (A) and cables (B).

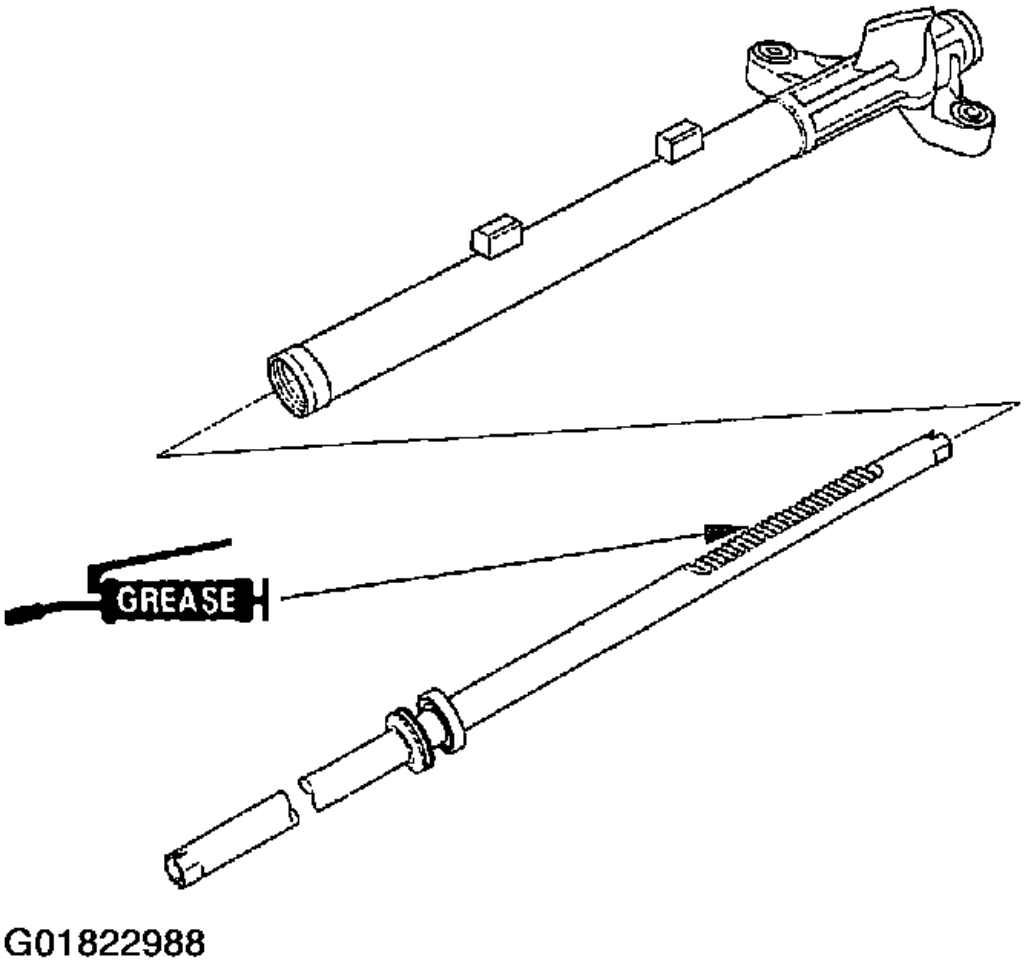

Fig. 106: Inserting The Steering Rack Into The Gearbox Housing

59. Insert an appropriate size deep socket wrench (A) onto the steering rack as shown.

7. Start the engine. Hold the engine speed at 3,000 RPM with no load (in Park or neutral) until the radiator fan comes on, then let it idle.
8. Turn the ignition switch OFF.
9. Turn the ignition switch ON (II).
10. Do the RADIATOR FAN TEST in the INSPECTION MENU with the HDS for 20 minutes.
11. Check the ECT SENSOR in the DATA LIST with the HDS.

    Is about 151°F (66°C) or less, or 1.25 V or more indicated?

    YES: Intermittent failure, system is OK at this time.

    NO: Go to step 12.
12. Turn the ignition switch OFF.
13. Cool down the engine until the coolant temperature is between 23°F (-5°C) and 95°F (35°C).
14. Replace the thermostat (see **THERMOSTAT REPLACEMENT**).
15. Turn the ignition switch ON (II).
16. Reset the ECM/PCM with the HDS.
17. Do the ECM/PCM idle learn procedure (see **ECM/PCM IDLE LEARN PROCEDURE**).
18. Start the engine. Hold the engine speed at 3,000 RPM with no load (in Park or neutral) until the radiator fan comes on, then let it idle.
19. Check for Temporary DTCs or DTCs in the DTCs MENU with the HDS.

    Are any Temporary DTCs or DTCs indicated?

    YES: If DTC P0128 is indicated, check the cooling system, then go to step 1 . If any other Temporary DTCs or DTCs are indicated, go to the indicated DTC troubleshooting.

    NO: Go to step 20.
20. Monitor the OBD STATUS for DTC P0128 in the DTCs MENU with the HDS.

    Does the screen indicate PASSED?

    YES: Troubleshooting is complete.

    NO: If the screen indicates FAILED, check cooling system, then go to step 1 . If the screen indicates NOT COMPLETED, go to step 18 and recheck.
21. Update the ECM/PCM if it does not have the latest software, or substitute a known-good ECM/PCM (see **HOW TO SUBSTITUTE THE ECM/PCM**).
22. Cool down the engine until the coolant temperature is between 23°F (-5°C) and 95°F (35°C).
23. Start the engine. Hold the engine speed at 3,000 RPM with no load (in Park or neutral) until the radiator fan comes on, then let it idle.
24. Check for Temporary DTCs or DTCs in the DTCs MENU with the HDS.

    Are any Temporary DTCs or DTCs indicated?

    YES: If DTC P0128 is indicated, check for poor connections or loose terminals at the ECT sensor and the ECM/PCM, then go to step 1 . If any other Temporary DTCs or DTCs are indicated, go to the indicated DTC troubleshooting.

    NO: If the ECM/PCM was updated, troubleshooting is complete. If the ECM/PCM was substituted, replace the original ECM/PCM (see **HOW TO REMOVE THE ECM/PCM FOR TESTING**).