

Instrument Panel (436440)

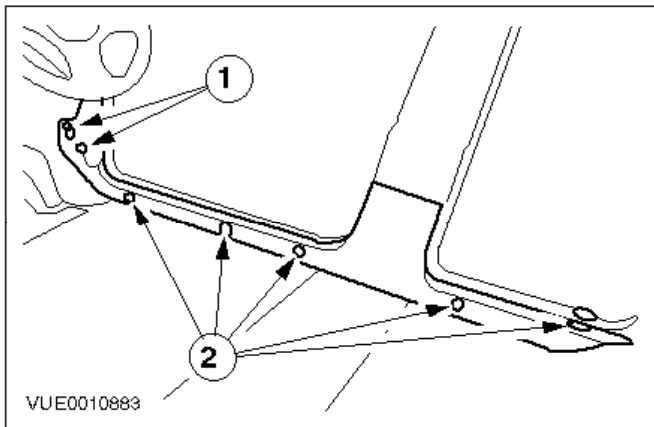
Removal



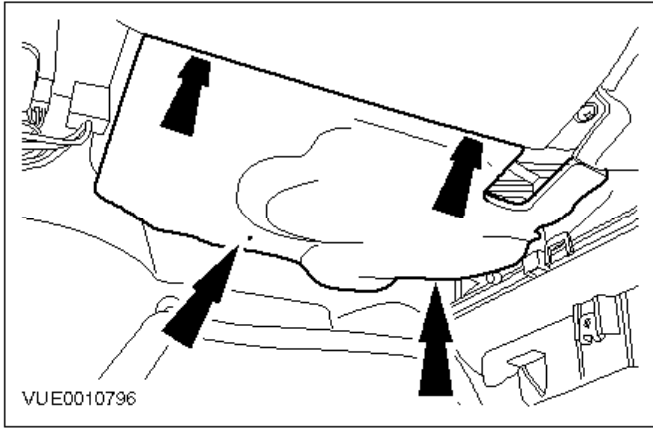
WARNING:

Wait at least 15 minutes after disconnecting the battery before disconnecting the air bag control module electrical connector. For all other supplementary restraint system electrical connectors; wait two minutes. Failure to follow these instructions increases the possibility of accidentally deploying the air bag(s) and pyrotechnic pretensioners and may cause personal injury.

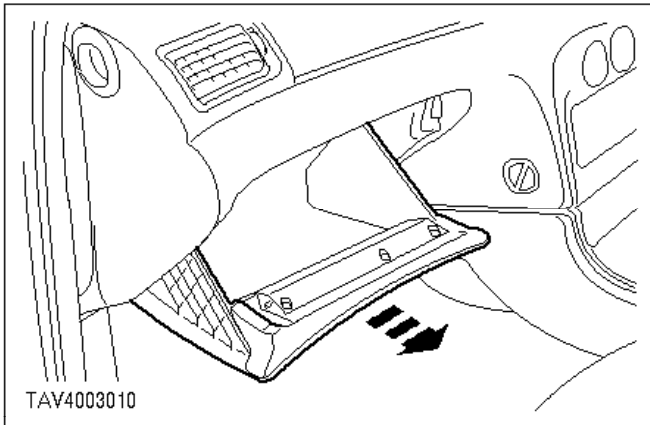
1. Remove the steering column assembly. For additional information, refer to «Section 211-04».
2. Remove the A-pillar trim panels. For additional information, refer to «Section 501-05».
3. Remove the right-hand B-pillar trim panel. For additional information, refer to «Section 501-05».



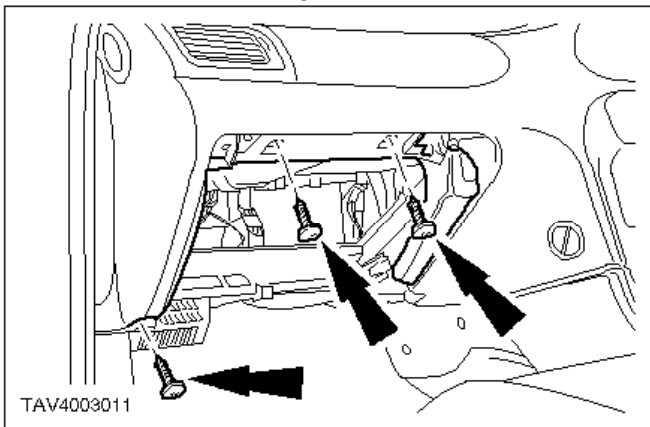
- μ 4. Remove the right-hand cowl side trim panel.
- 1 Remove the clips.
 - 2 Remove the screws.



μ 5. Remove the lower passenger side lower footwell trim.

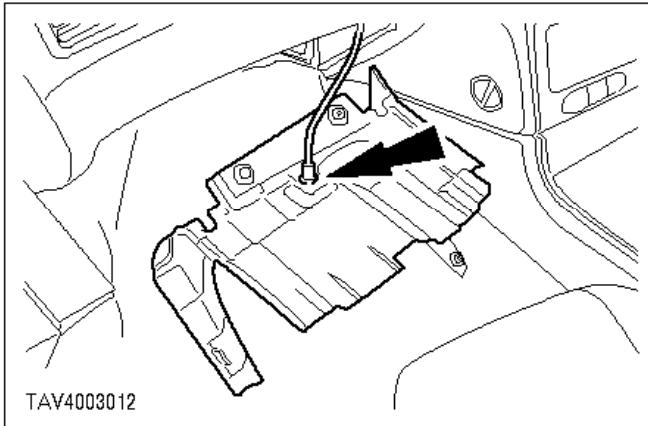


μ 6. Remove the glove box compartment lid.

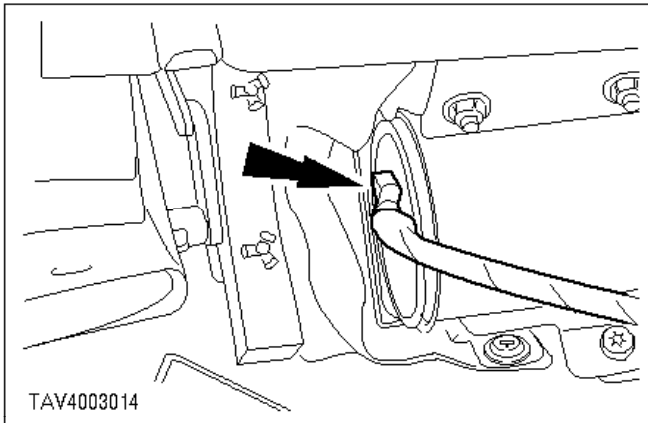


μ 7. Detach the closing panel.

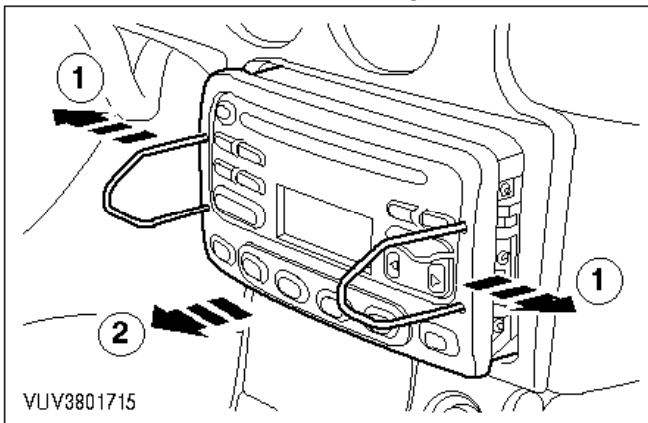
- Remove the screws and release the clip.



- μ 8. Detach the bulb holder and remove the closing panel.



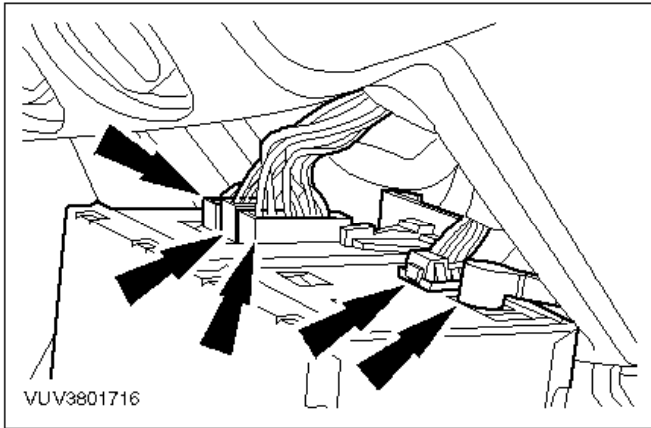
- μ 9. Disconnect the air bag module electrical connector.



- μ 10. **Note:**
Make sure the audio unit key code is available before disconnecting the battery or audio unit electrical connectors and note the audio unit station presets.

Using the radio removal tools, detach the audio unit.

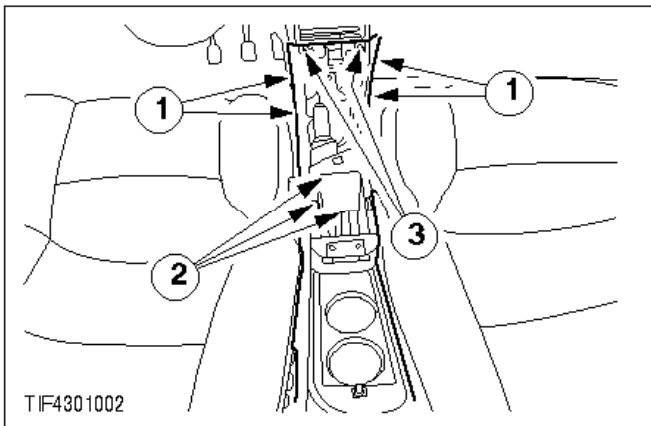
- Install the radio removal tools into the locating holes until they click into place.
- 1 Pull the tools gently to the left and right of the unit to release the locking tangs.
 - 2 Detach the audio unit.



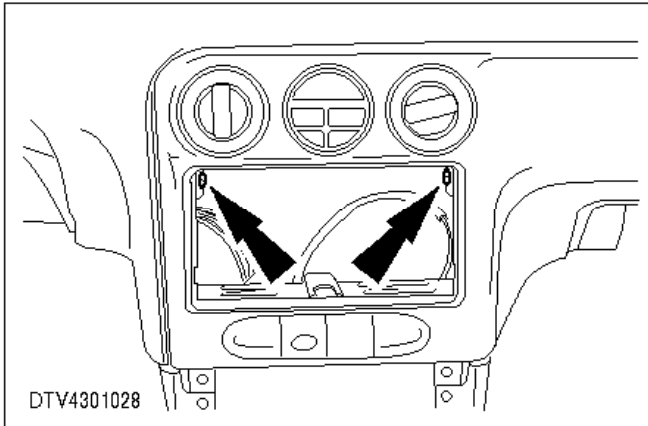
- μ 11. Remove the audio unit.
- Disconnect the electrical connectors.
 - Disconnect the audio unit antenna cable.

12. Remove the ashtray.

13. Move the shift lever to the most rearward position and fully raise the handbrake lever.

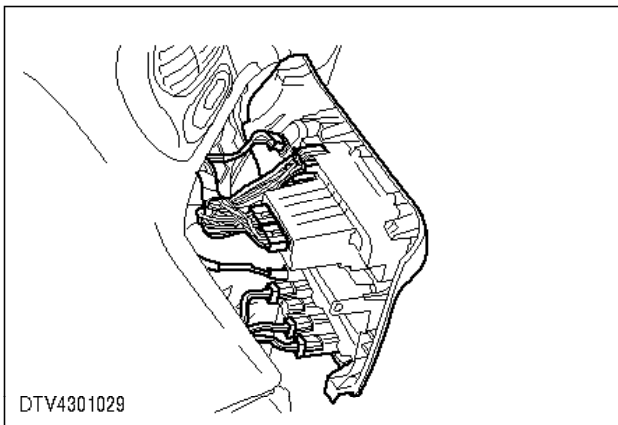


- μ 14. Detach the centre console and move it rearwards.
- 1 Remove the four screws.
 - 2 Remove the three screws.
 - 3 Remove the two screws.



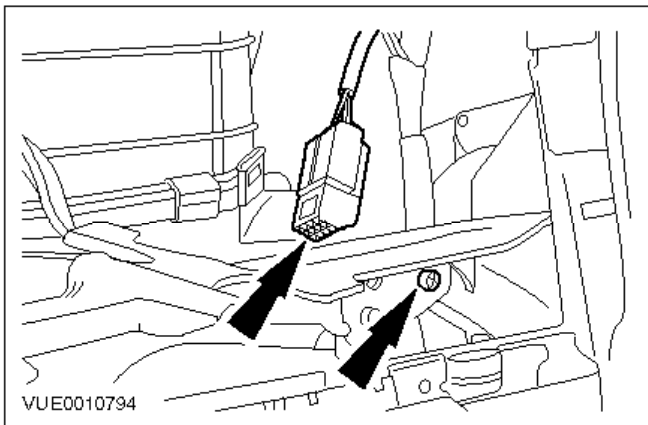
μ 15. Detach the heater control bezel.

- Remove the screws.

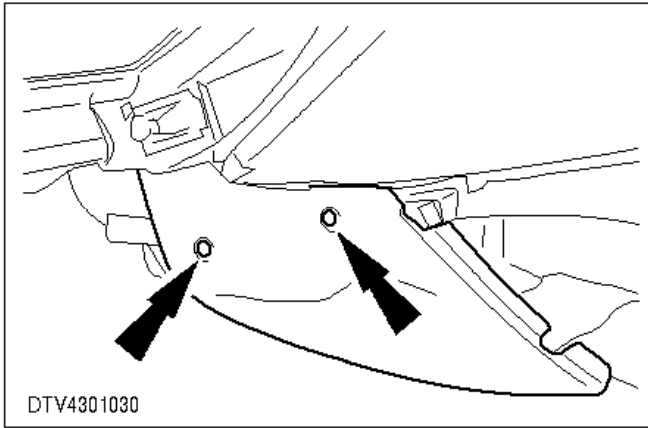


μ 16. Remove the heater control bezel.

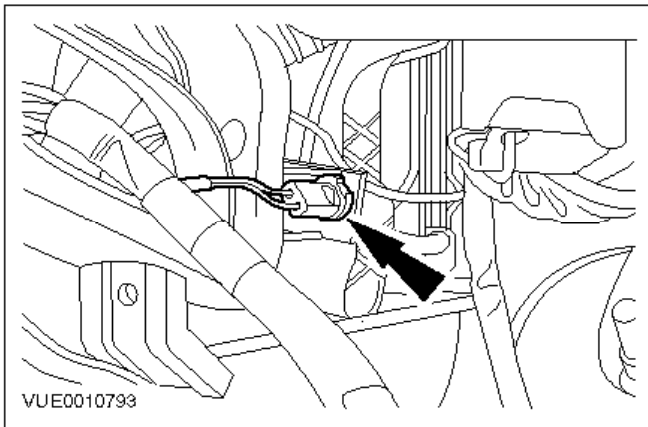
- Disconnect the electrical connectors and vacuum lines.



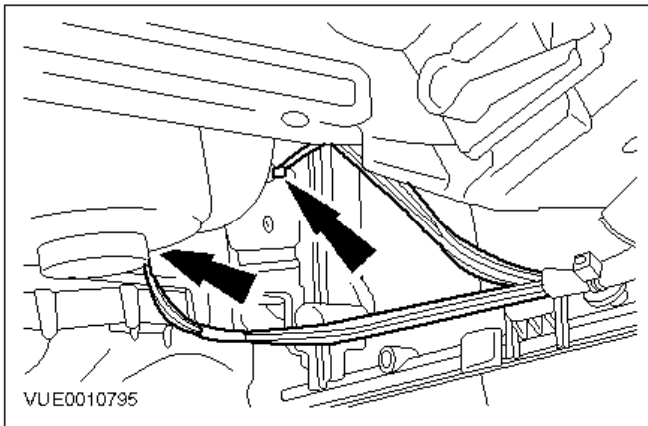
μ 17. Disconnect the cigar lighter electrical connector and detach the wiring harness.



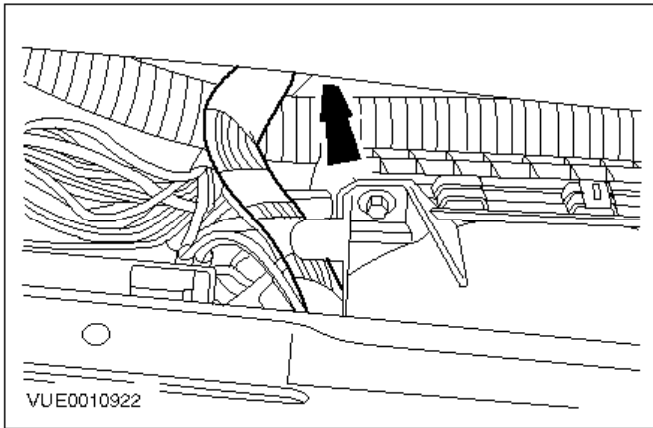
- μ 18. Remove the lower center panels.
- Two clips each side (one side shown).



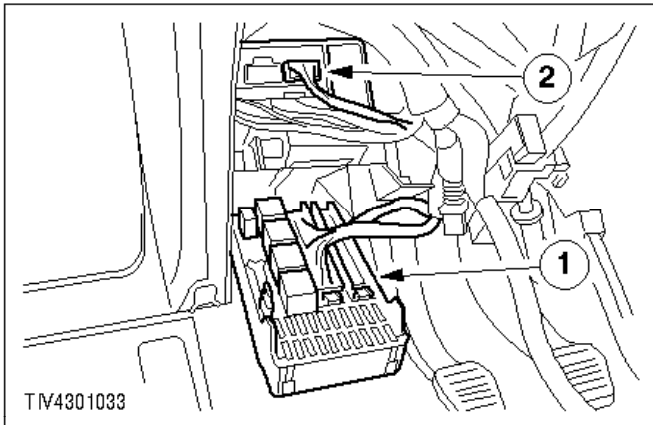
- μ 19. Detach the footwell illumination lamps (one side shown).



- μ 20. Disconnect the blower motor and blower motor resistor electrical connectors.

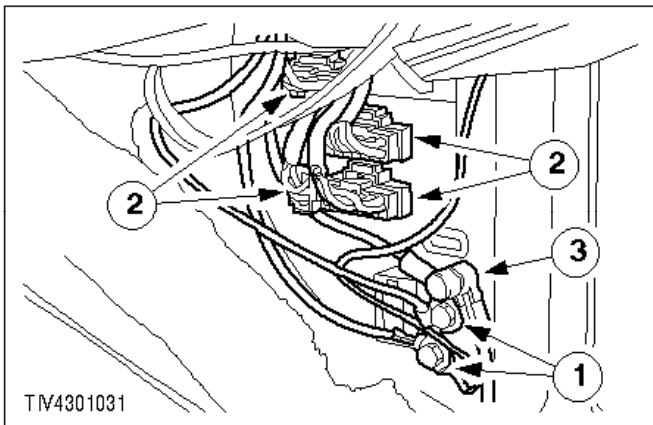


μ 21. Detach the wiring harness from the cross car beam.



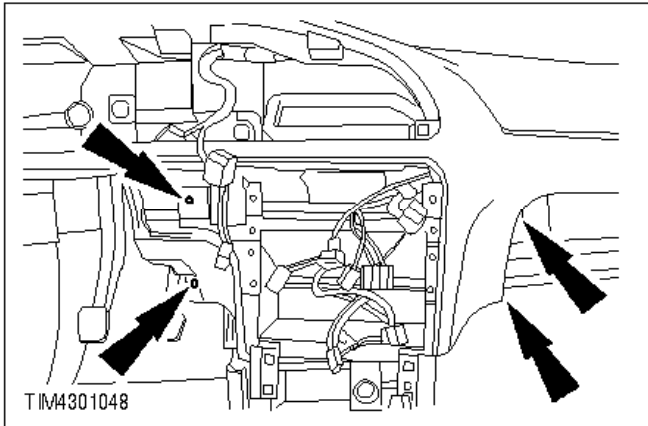
μ 22. Disconnect the electrical connectors.

- 1 Disconnect the junction box electrical connectors.
- 2 Disconnect the central electrical box electrical connectors.

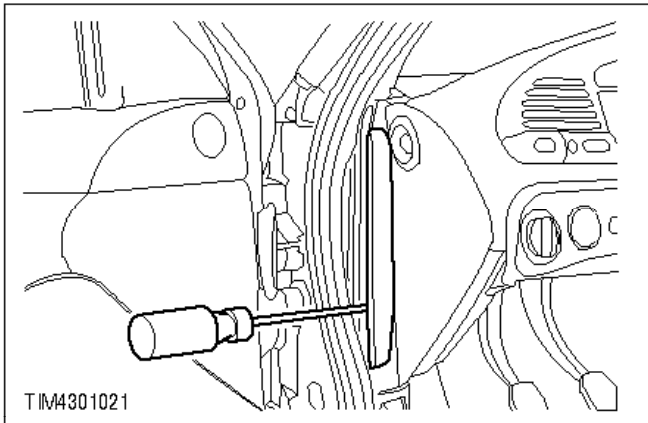


μ 23. Disconnect the electrical connectors.

- 1 Disconnect the ground cables.
- 2 Disconnect the electrical connectors.
- 3 Disconnect the radio antenna cable.

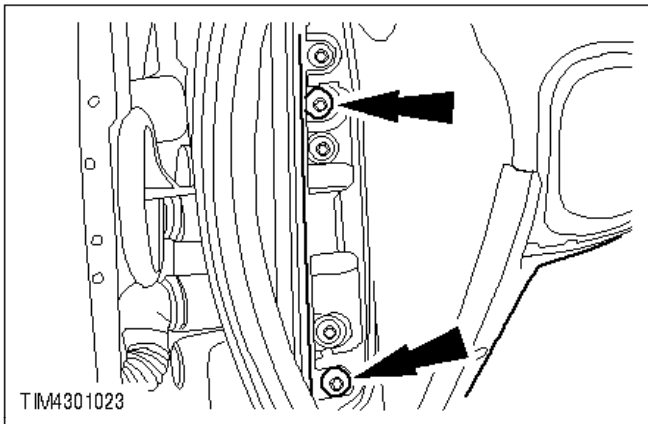


μ 24. Remove the four screws.



μ 25. Detach the covers, one each side.

- Detach the door weatherseals.



μ 26. Remove the instrument panel.

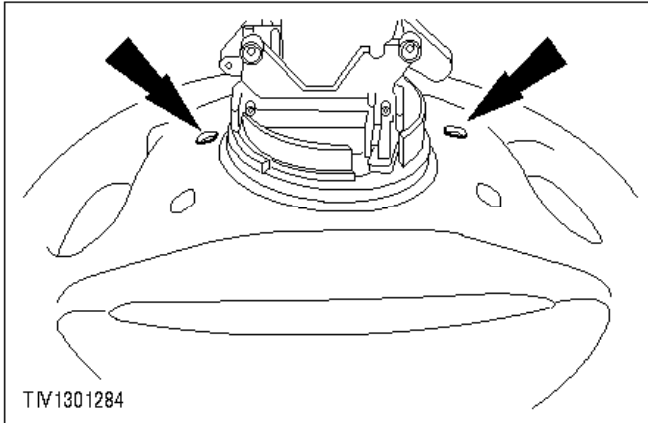
- Two screws each side.

Installation

1. To install, reverse the removal procedure.
-

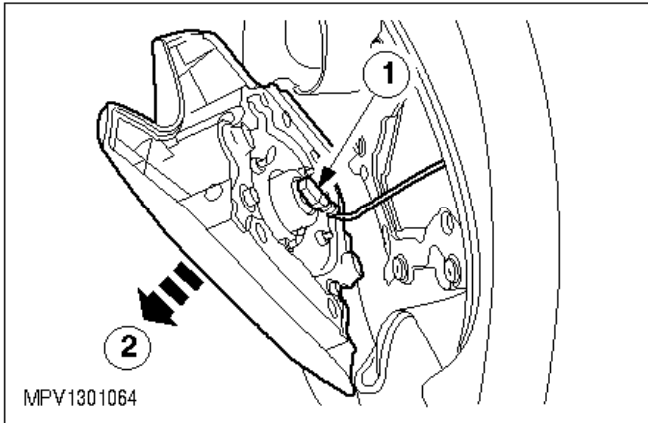
Steering Column (135434)

Disassembly



All vehicles

- μ 1. Detach the driver air bag module.



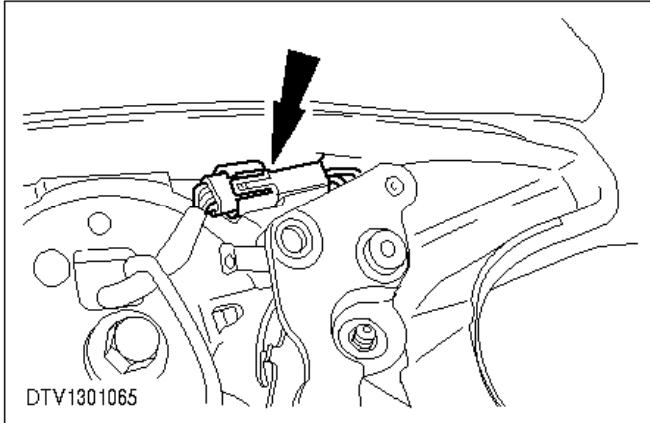
- μ 2. **⚠ WARNING:**
To minimize the possibility of injury in the event of premature deployment, always carry a live air bag module with the bag and trim cover pointed away from the body. Failure to follow this instruction may result in personnel injury.

⚠ WARNING:
To minimize the possibility of premature deployment, live air bag modules must only be placed on work benches which have been ground bonded and with the trim cover facing up. Failure to follow these instructions may result in personal injury.

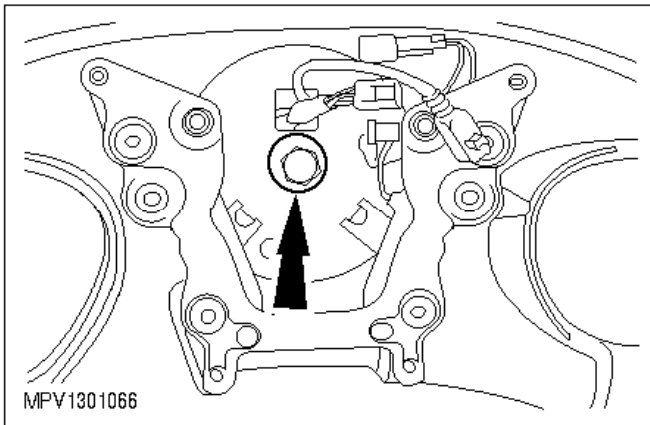
Remove the driver air bag module.

1 Disconnect the driver air bag module electrical connector.

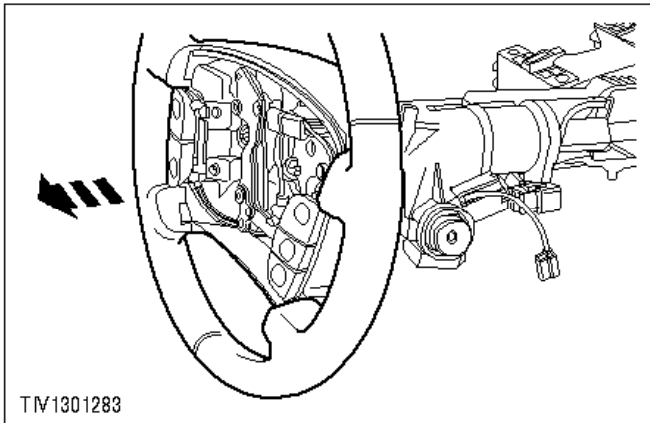
2 Remove the driver air bag module.



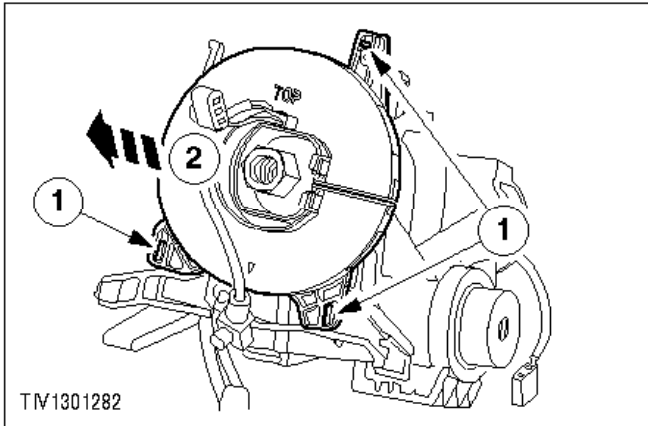
μ 3. Disconnect the horn electrical connector.



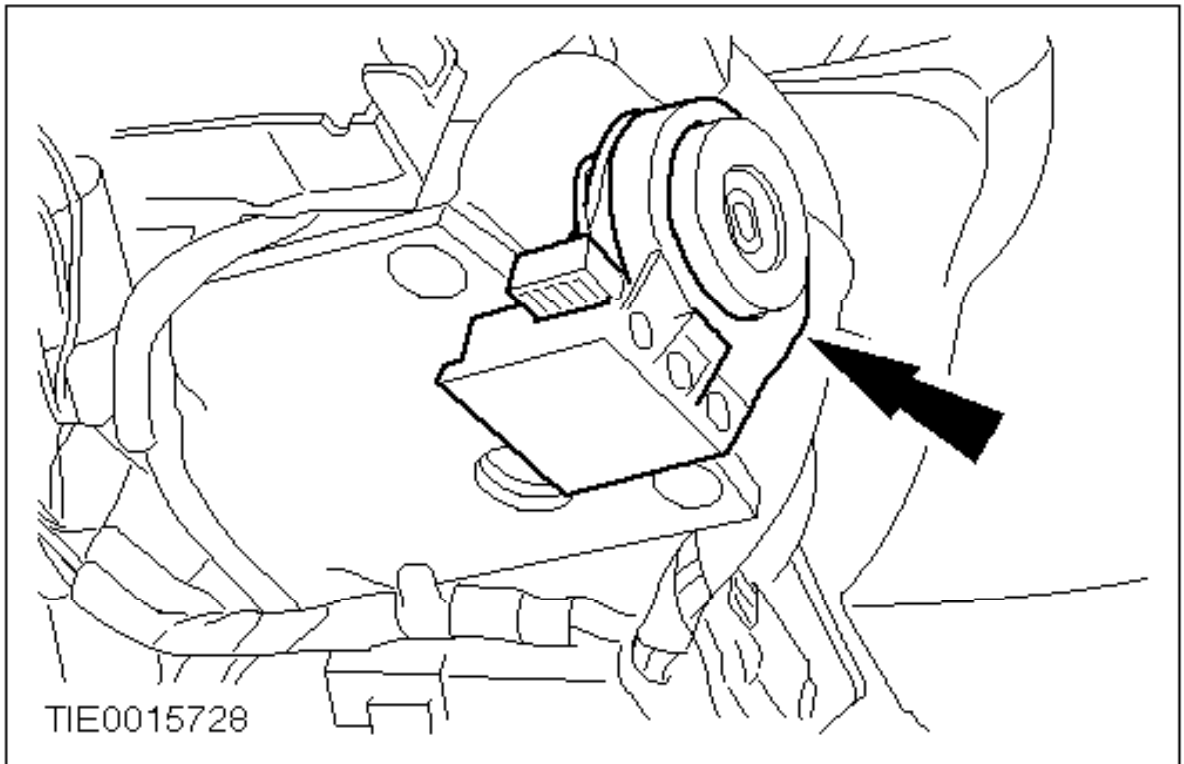
μ 4. Remove the steering wheel retaining bolt.



μ 5. Remove the steering wheel.

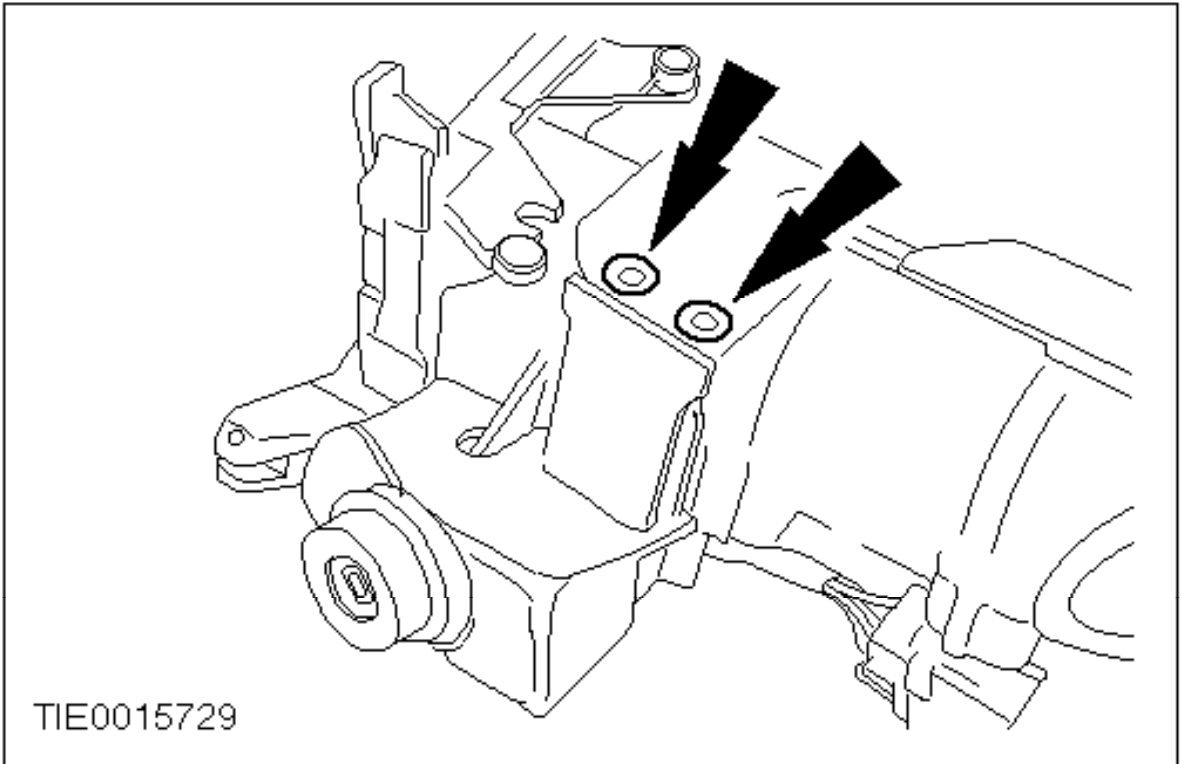


- μ 6. Remove the air bag sliding contact.
 - 1 Release the air bag sliding contact retaining clips.
 - 2 Remove the air bag sliding contact.

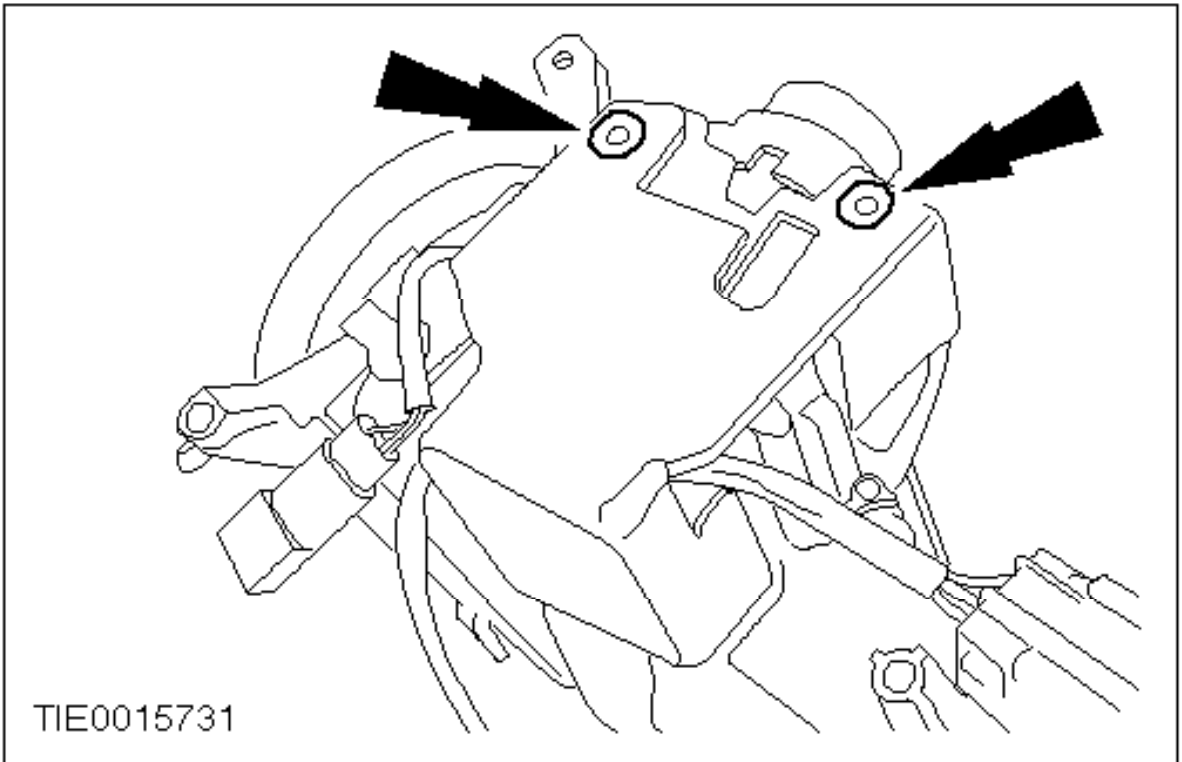


Vehicles with 2.5L (200PS) engine

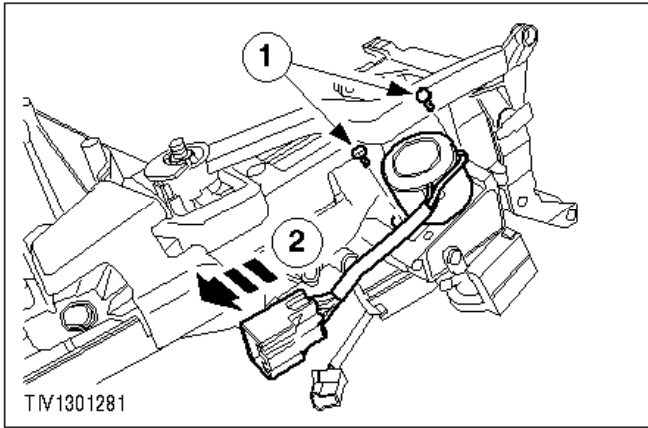
- μ 7. Remove the passive anti-theft system (PATS) transceiver



- μ 8. Using a suitable electric hand drill and stud extractor remove the upper steering lock shield retaining bolts.

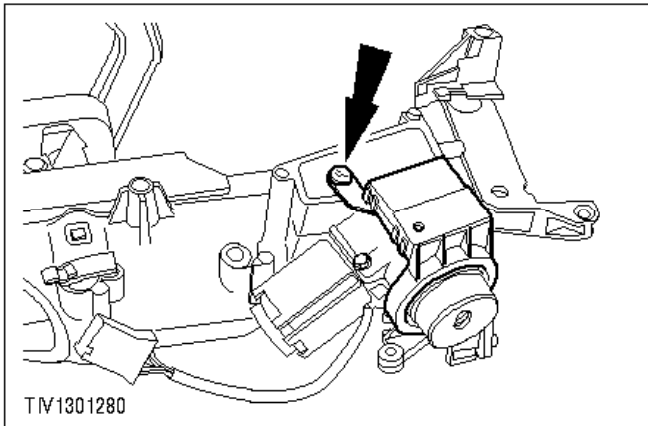


- μ 9. Using a suitable electric hand drill and stud extractor remove the upper steering lock shield retaining bolts.
- Remove the steering lock shield.

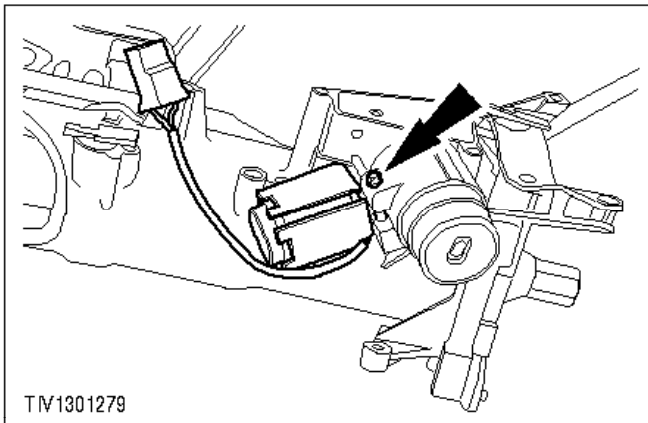


All vehicles

- μ 10. Remove the ignition switch.
 - 1 Remove the ignition switch retaining screws.
 - 2 Disconnect the ignition switch electrical connector.

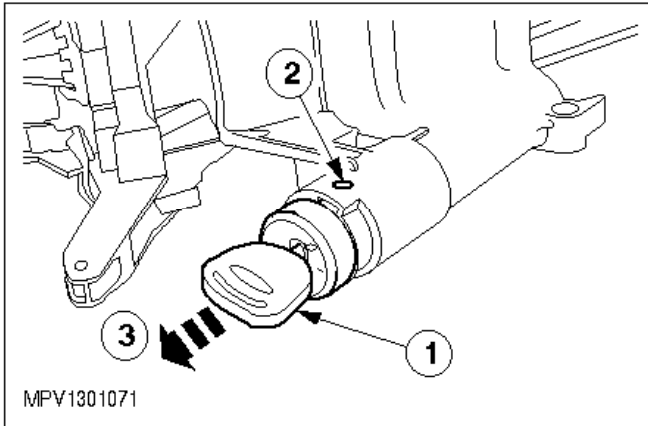


- μ 11. Remove the PATS transceiver.



Vehicles with automatic transaxle

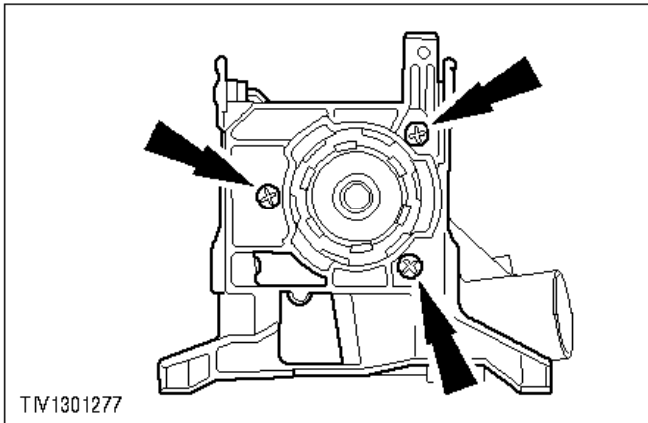
- μ 12. Remove the key release actuator.



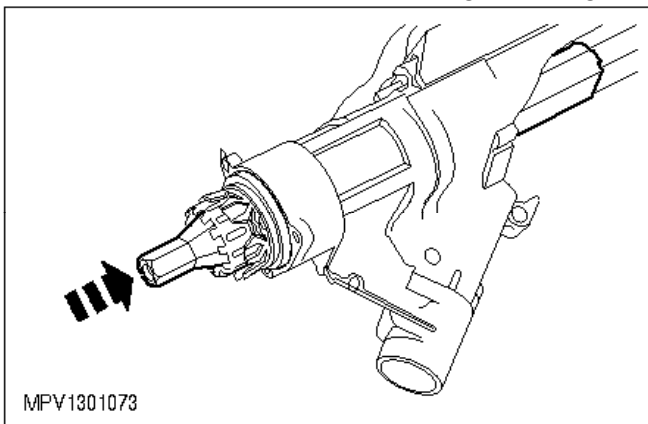
All vehicles

μ 13. Remove the ignition switch lock barrel.

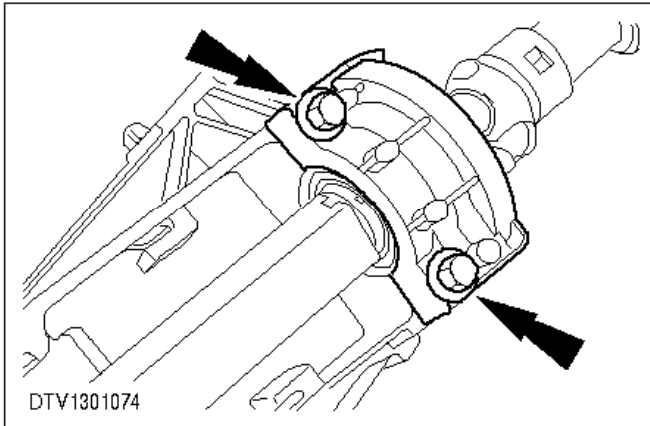
- 1 Turn the ignition switch to position I (accessory).
- 2 Depress the ignition switch lock barrel retaining pin.
- 3 Remove the ignition switch lock barrel.



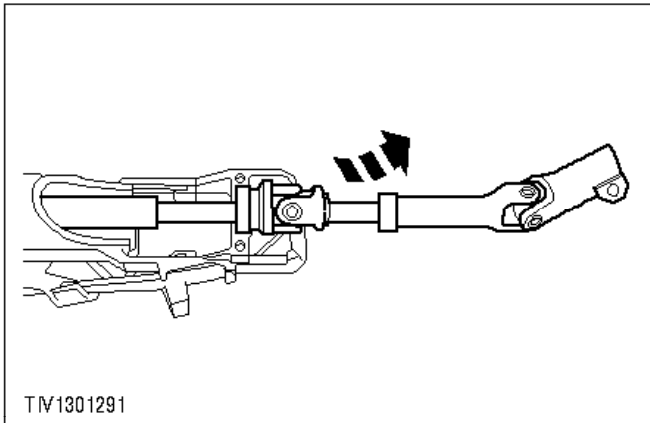
μ 14. Remove the upper bearing retaining collar.



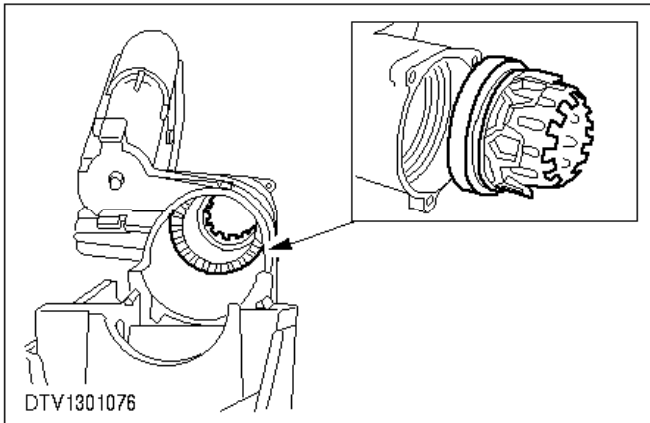
μ 15. Disengage the column shaft from the upper bearing.



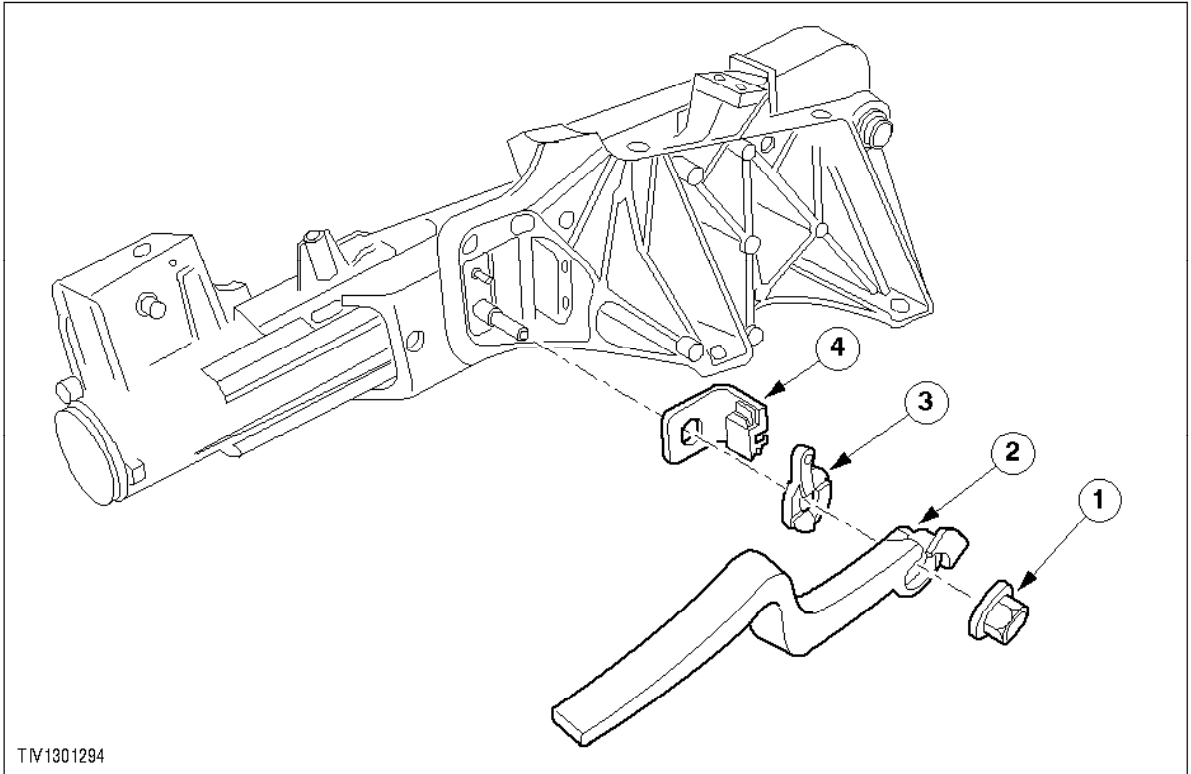
μ 16. Remove the lower bearing cap.



μ 17. Remove the column shaft and bearing assembly.



μ 18. Using a suitable drift remove the upper bearing from inside the column tube.



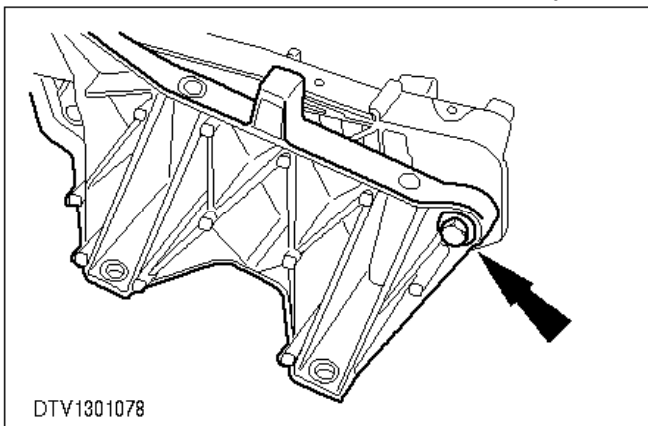
μ Refer to corresponding illustration.

19. **Note:**

Make sure all traces of thread locking compound are removed from the retaining bolt threads.

Remove the steering column adjust lever assembly.

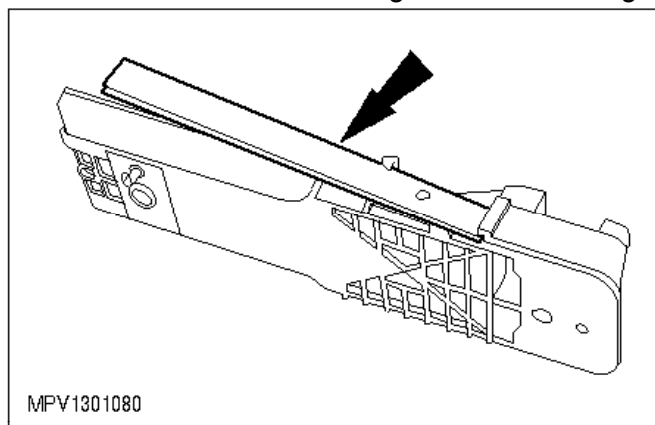
- 1 Remove the steering column adjust lever retaining nut.
- 2 Remove the steering column adjust lever.
- 3 Remove the cam.
- 4 Remove the clamp assembly.



μ 20. **Note:**

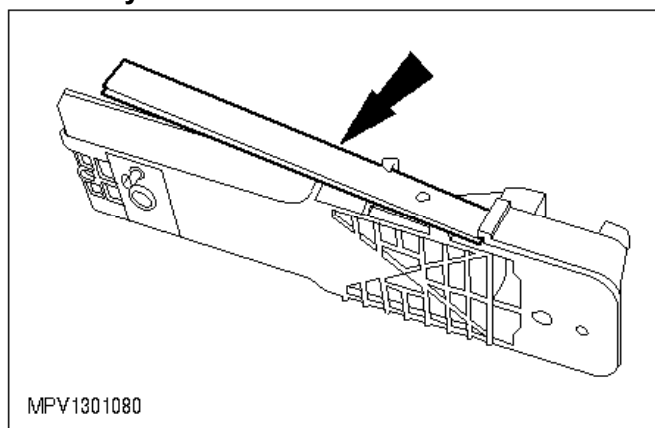
Make sure all traces of thread locking compound are removed from the retaining bolt threads.

Remove the steering column mounting bracket.



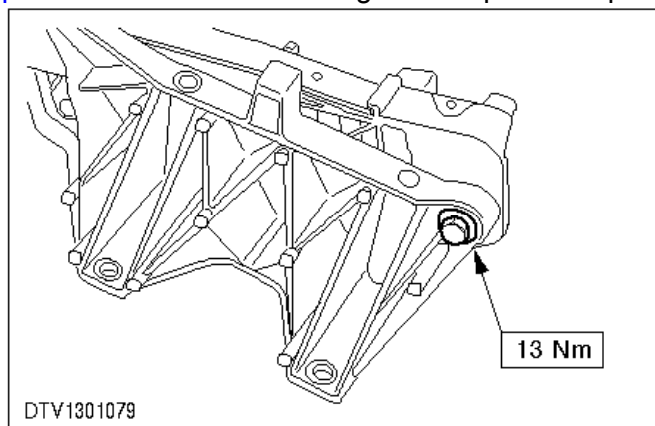
μ 21. Remove the steering column position springs.

Assembly

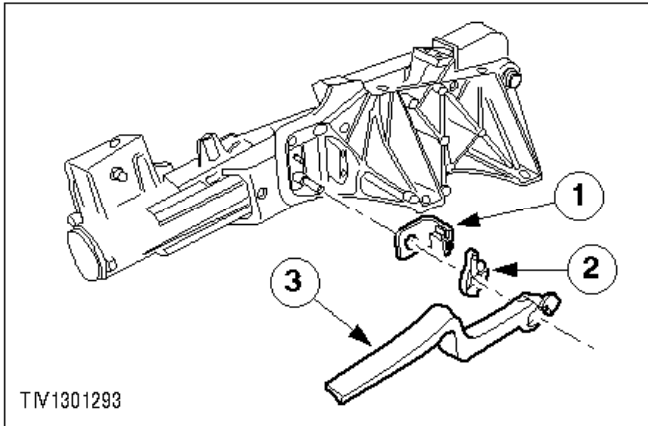


All vehicles

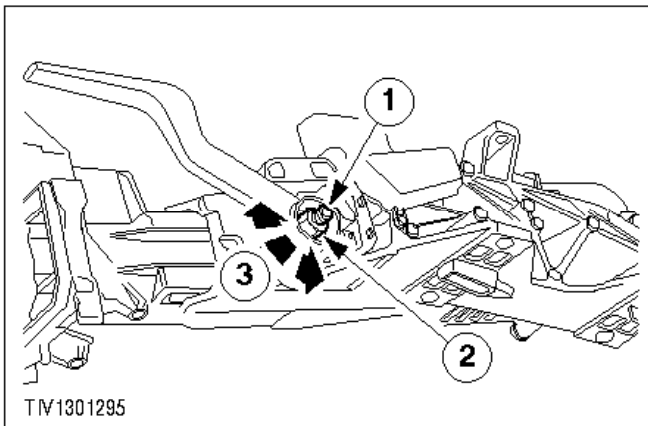
μ 1. Install the steering column position springs.




μ 2. **Note:**
Apply thread locking compound to the retaining bolt threads.
Install the column mounting bracket.



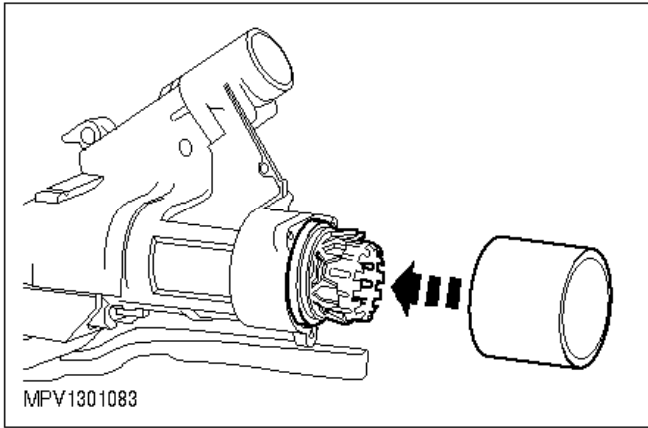
- μ 3. Install the steering column adjust lever.
 - 1 Install the clamp assembly.
 - 2 Install the cam washer.
 - 3 Install the steering column adjust lever.



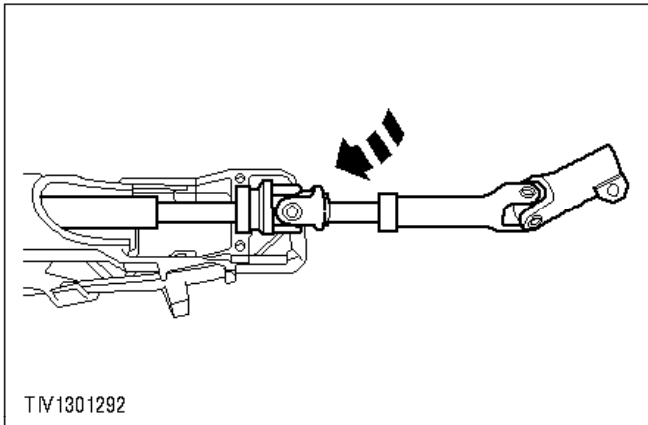
- μ 4.  **CAUTION:**
Make sure the steering column adjust lever securely locks the steering column in position. Make sure this procedure is completed before the thread locking compound sets.

Adjust the steering column lever.

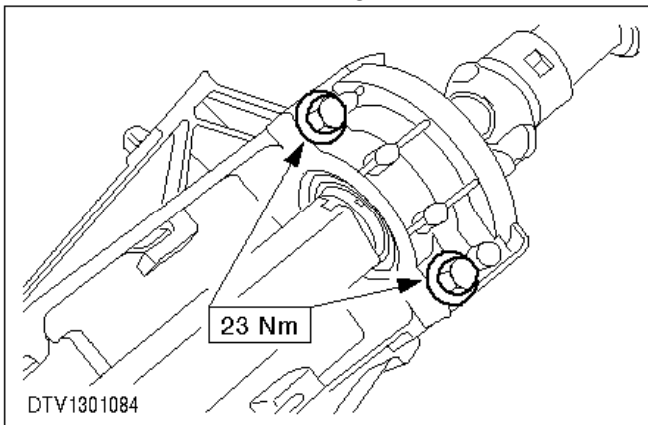
- 1 Apply thread locking compound to the retaining bolt threads.
- 2 Install and partially tighten the retaining nut.
- 3 If the steering column adjust lever does not operate correctly, slacken or tighten the retaining nut until the correct adjustment is obtained.



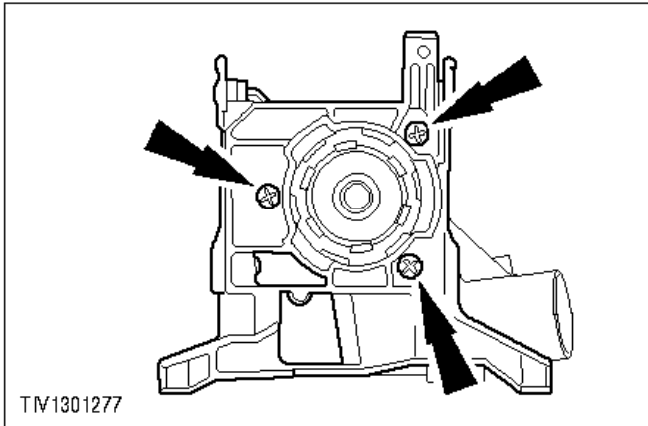
μ 5. Using a suitable drift install a new upper bearing.



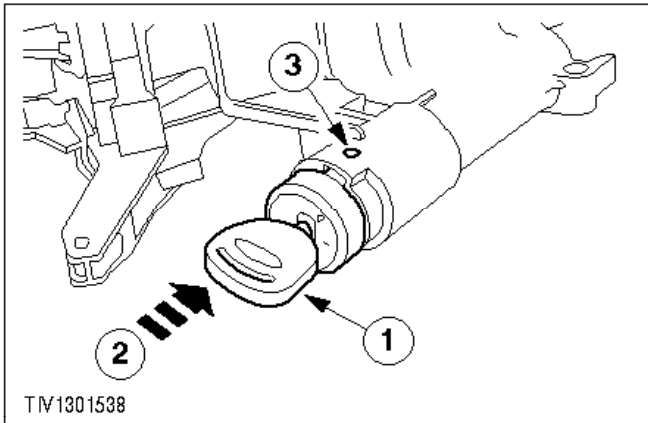
μ 6. Install the steering column shaft assembly.



μ 7. Install the lower bearing cap.

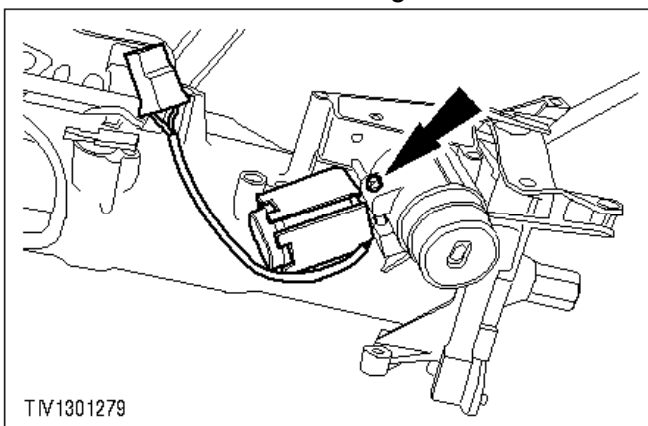


μ 8. Install the upper bearing retaining collar.



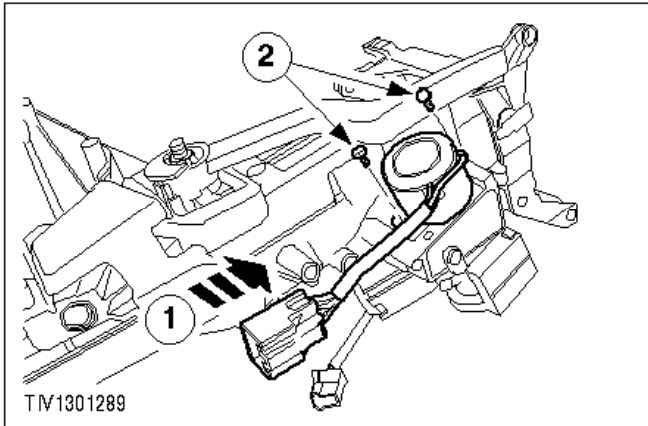
μ 9. Install the ignition switch lock barrel.

- 1 Make sure ignition switch lock barrel is in position I (accessory).
- 2 Install the ignition switch lock barrel.
- 3 Make sure the ignition switch lock barrel retaining pin is located correctly.



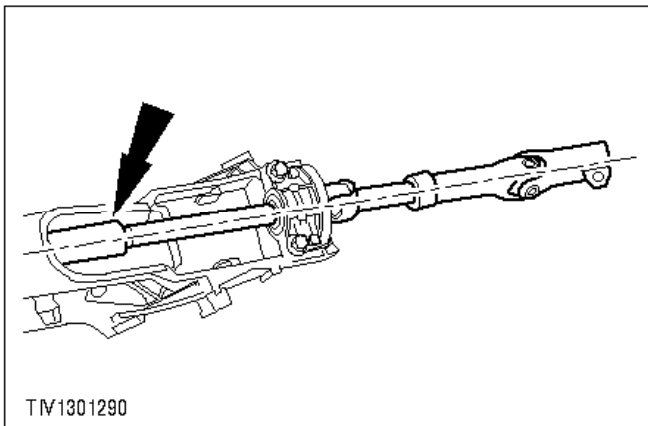
Vehicles with automatic transaxle

μ 10. Install the key release actuator.

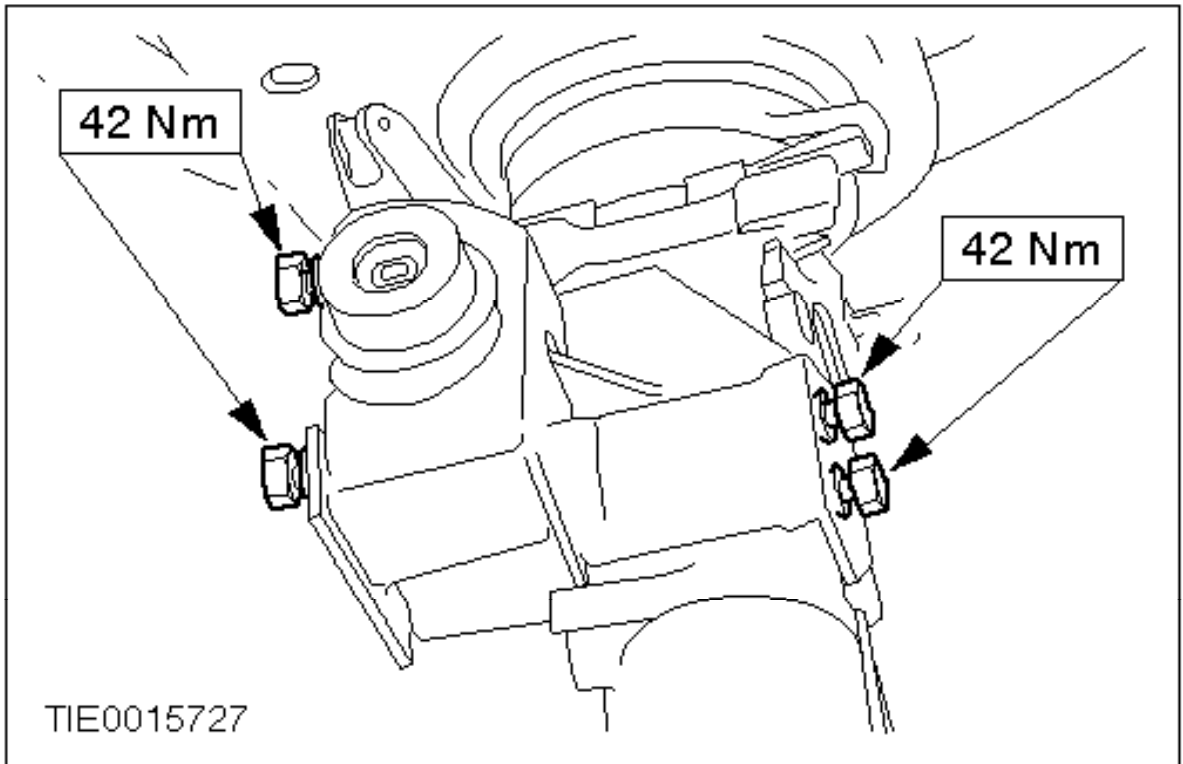


All vehicles

- μ 11. Install the ignition switch assembly.
- 1 Connect the ignition switch electrical connector.
 - 2 Install the ignition switch retaining screws.



- μ 12. Align the steering column shaft.
- Remove the ignition key to lock into position.



Vehicles with 2.5L (200PS) engine

- μ 13. **⚠ CAUTION:**
When installing the steering lock shield make sure that no cables are trapped or damaged.

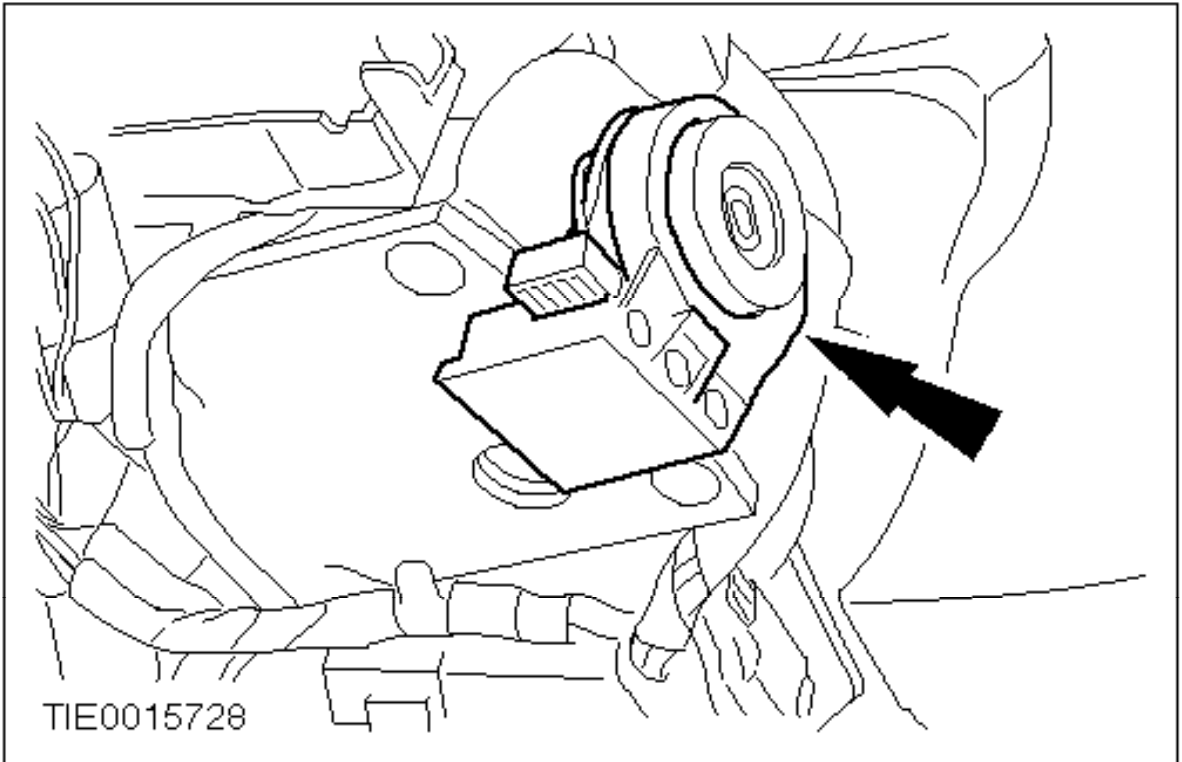
Note:

The steering lock shield retaining bolts are designed to shear at the specified torque.

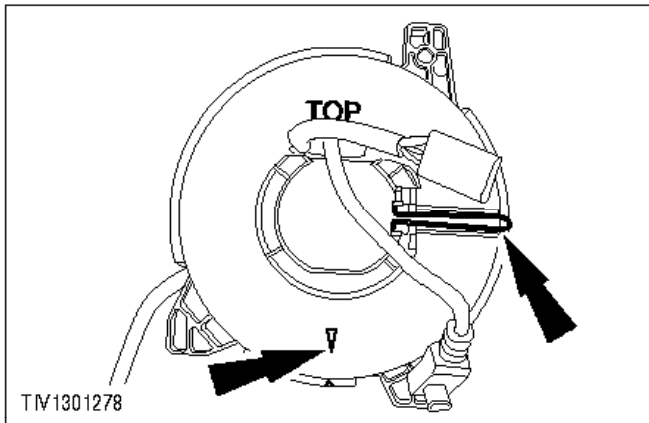
Note:

The steering lock shield bolts must be hand started before tightening with a power tool.

Install the steering lock shield.



- μ 14. Install the PATS transceiver.



All vehicles

- μ 15. **⚠ WARNING:**
Make sure the air bag sliding contact is centralized before installing. Failure to follow this instruction may result in personal injury.

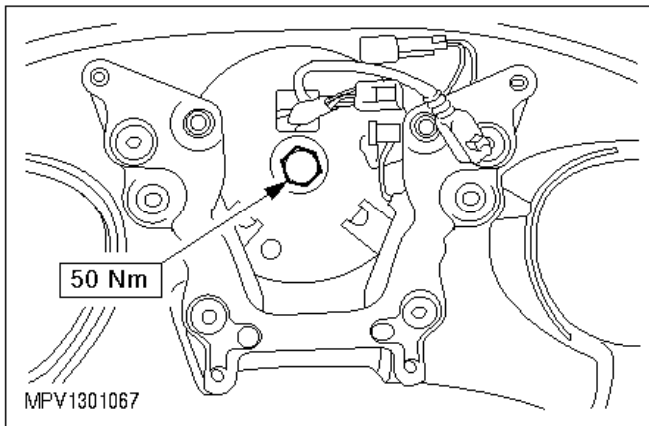
⚠ WARNING:
If there is any doubt about the centralization of the air bag sliding contact, the air bag sliding contact centralization procedure must be repeated. Failure to follow this instruction may result in personal injury.

Centralize the air bag sliding contact.

- Rotate the inner rotor against the outer rotor fully counter clockwise until tight.

- Then rotate the inner rotor clockwise approximately 2.75 turns until the alignment markings are aligned and the locking tab locates in the slot.

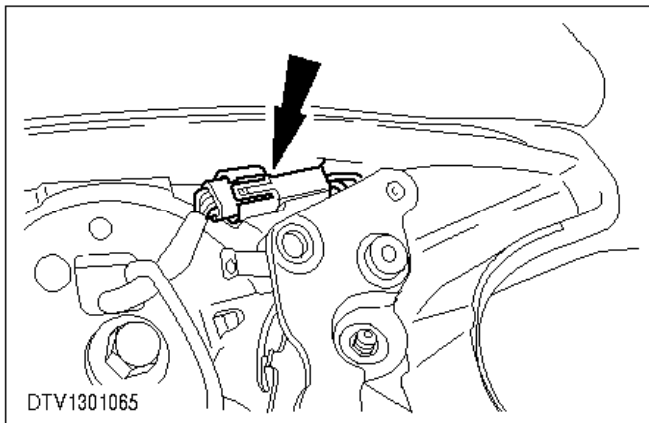
16. Install the air bag sliding contact.



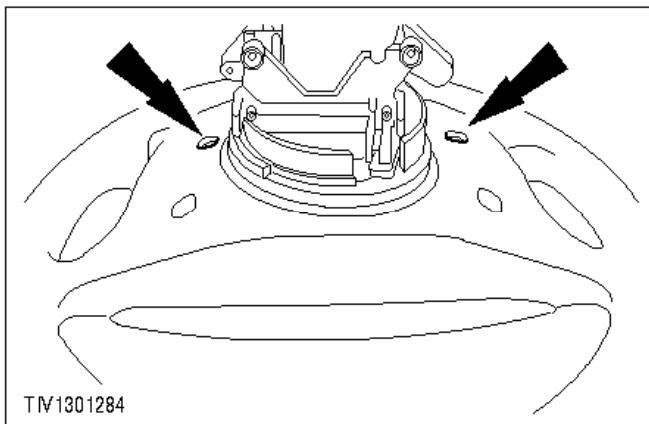
μ 17.  **CAUTION:**

If there is any break between centralizing the air bag sliding contact and installing the steering wheel, or the vehicle left unattended by the technician, the centralizing procedure **MUST be repeated.**

Install the steering wheel.



μ 18. Connect the horn electrical connector.



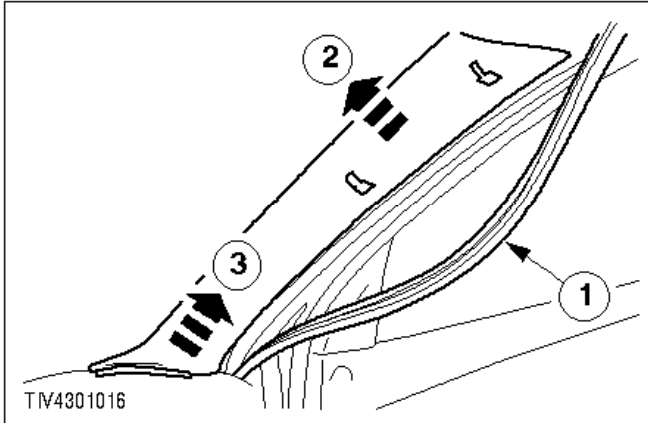
μ 19. Install the driver air bag module.

- Connect the driver air bag module electrical connector.



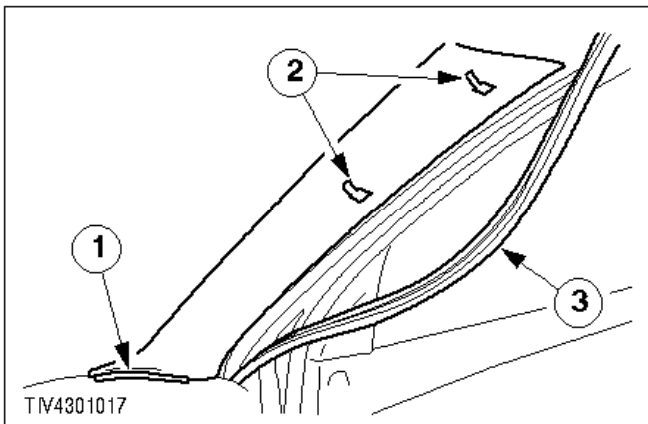
A-Pillar Trim Panel (436160)

Removal



- μ 1. Remove the trim.
1. Locally detach the door weatherseal.
 2. Pry the trim outwards to release the clips.
 3. Pull the trim upwards.
- Disengage the alarm and aerial wires from the clips (if fitted).

Installation

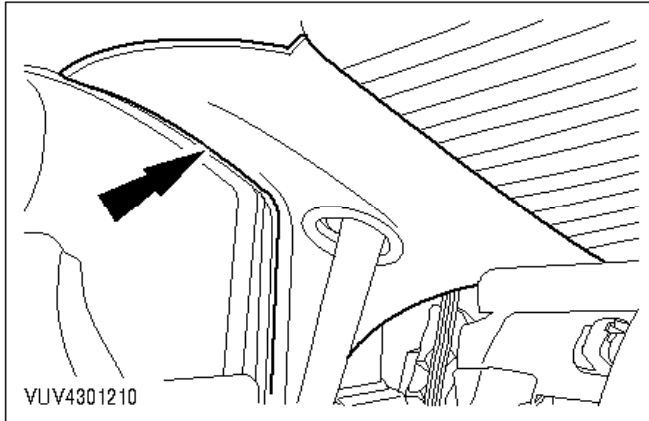


- μ 1. Install the trim.
1. Position the seal and push the trim down.
 2. Engage the clips.
 3. Install the door weatherseal.

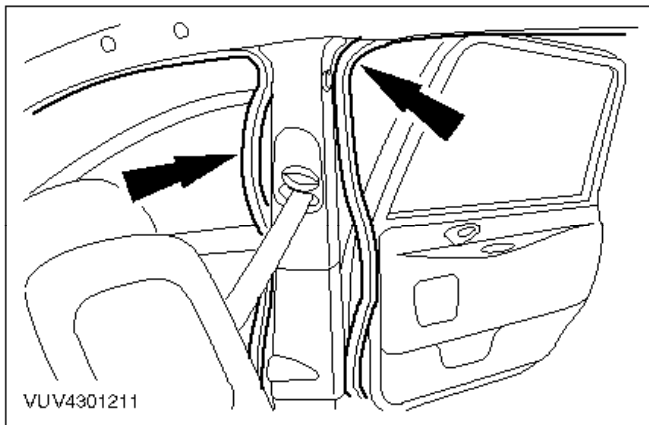


B-Pillar Trim Panel (436170)

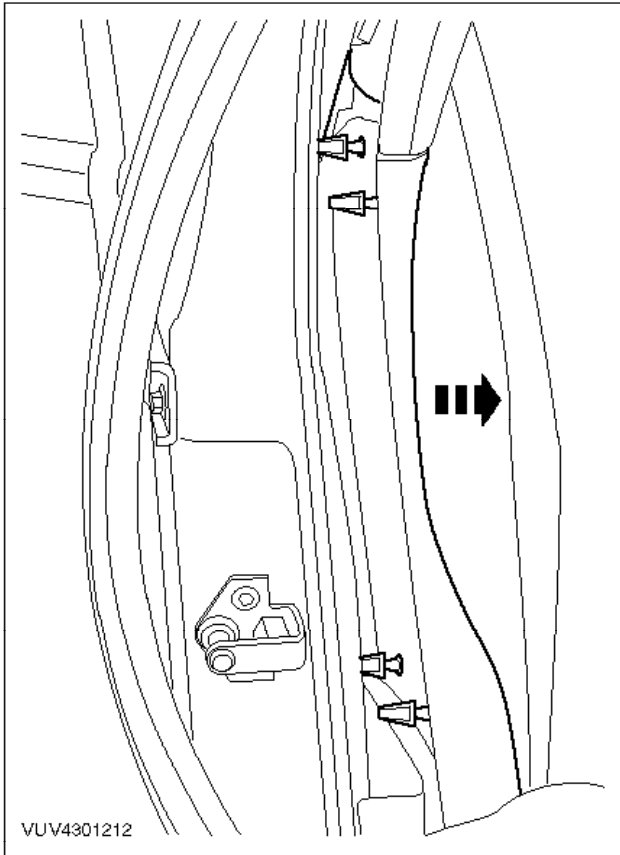
Removal



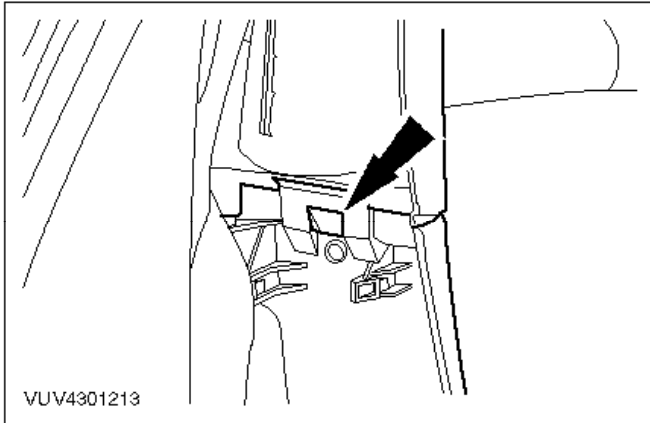
- μ 1. Remove the B-Pillar retaining screw.
 - 1 Pry out the screw cover.
 - 2 Remove the screw.



- μ 2. Locally detach the door weatherseals.

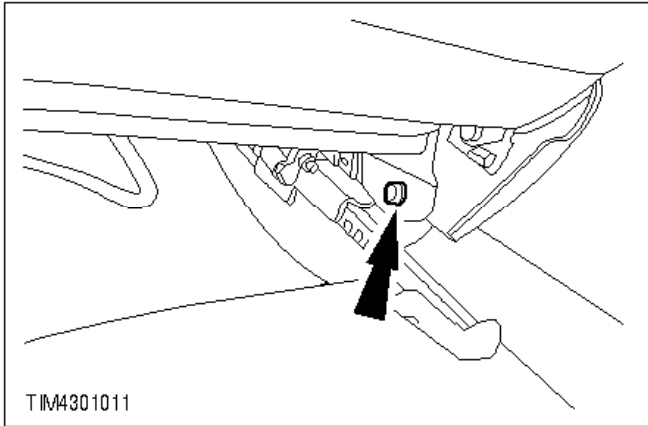


μ 3. Detach the B-Pillar trim.

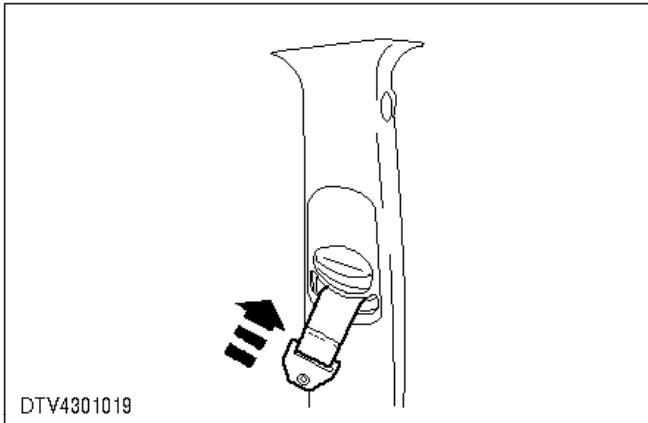


μ 4. Separate the upper and lower trims.

- Remove the lower trim.

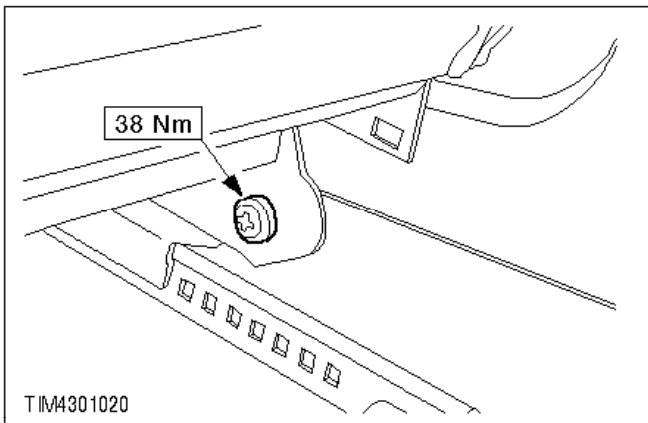


- μ 5. Detach the front seat belt underneath the front seat.



- μ 6. Remove the trim.
- Pass the seat belt through the trim.

Installation

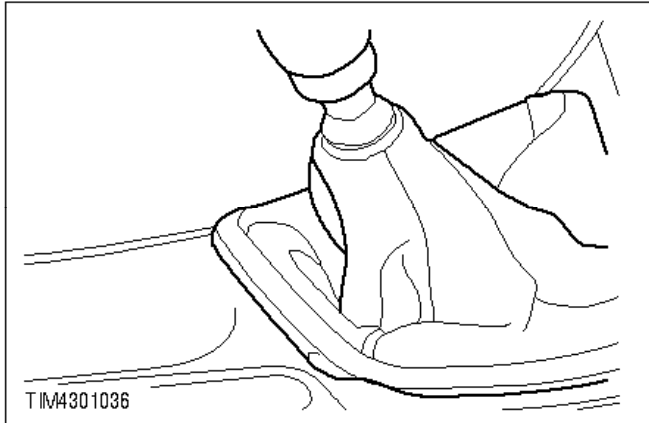


- μ 1. Install the components in reverse order.
-

Instrument Panel Console (438140)

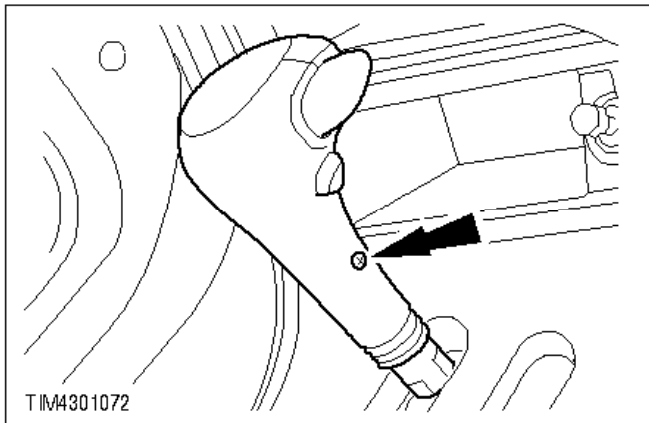
Removal

1. Remove the ashtray.

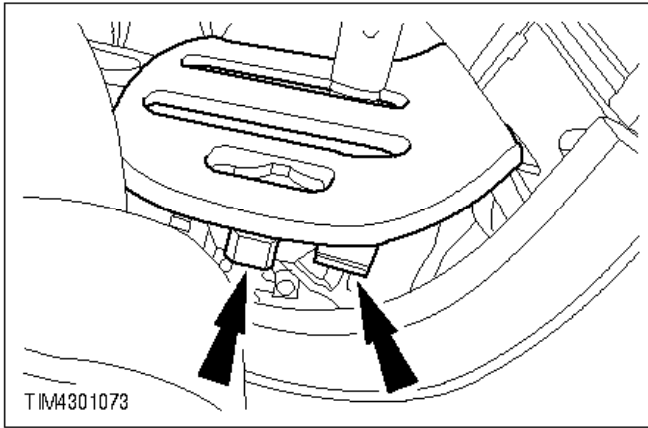


2. Remove the shift lever boot.

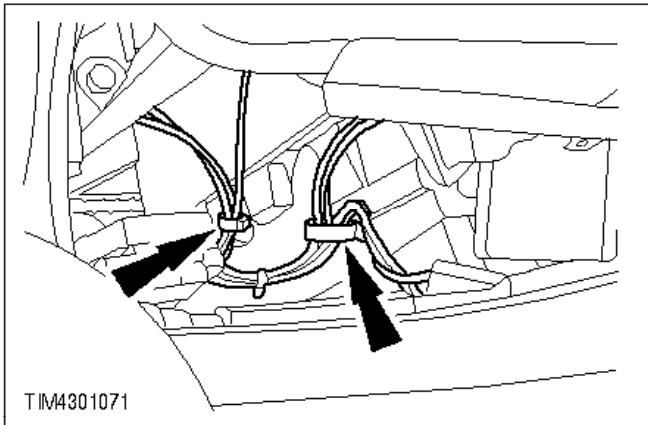
- Unscrew the shift lever knob.



3. Detach the shift lever bezel.

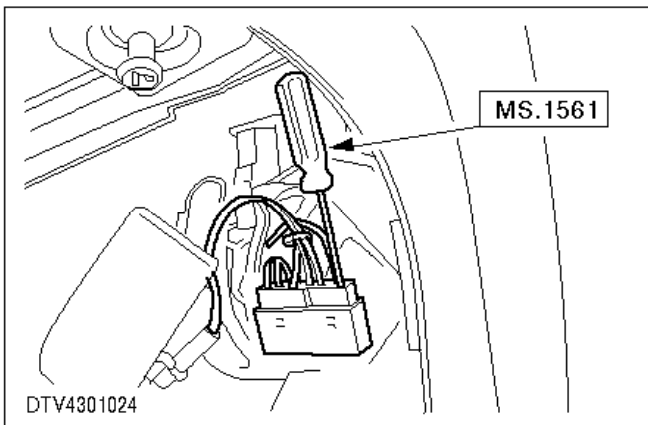


- μ 4. Disconnect the multiplugs.

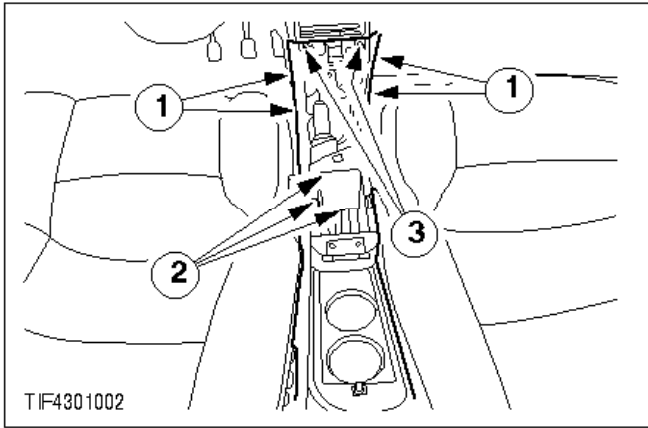


- μ 5. Cut the cable ties.

6. Remove the overdrive switch. For additional information, refer to [«Section 307-01»](#).

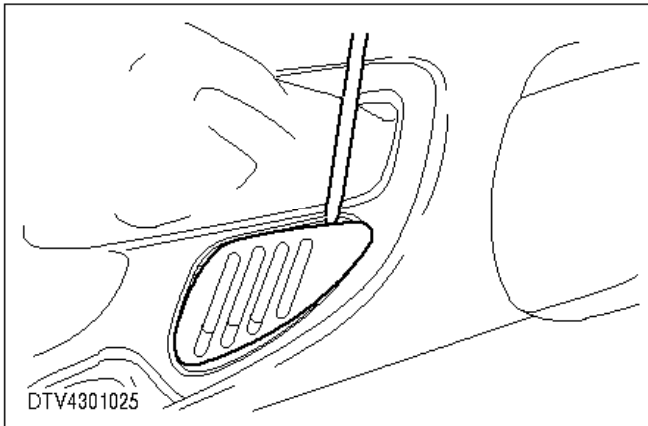


- μ 7. Remove the terminals from the overdrive switch multiplug.
- Remove the shift lever bezel.

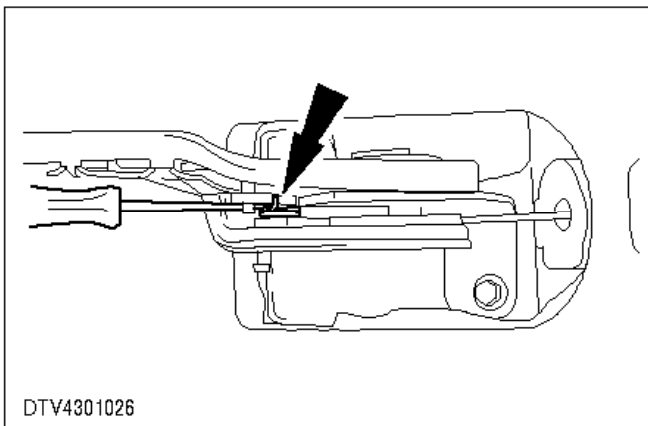


μ 8. Remove the centre console fixings.

- 1 Four screws.
- 2 Three screws.
- 3 Two screws.



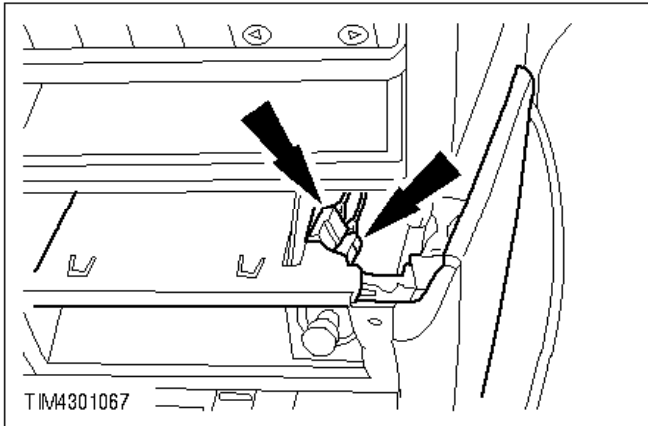
μ 9. Remove the vent.



μ 10. Release the handbrake ratchet.

- Detach the spring.

11. Fully raise the handbrake lever.



μ 12. Remove the console.

- Slide the console rearwards and disconnect the cigarette lighter multiplugs.

Installation

1. **Note:**
Install the spring on the handbrake ratchet before installing the centre console.
Install the components in reverse order.
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