



Sedan Range

DATE 10/99

15-51

SERVICE

## TECHNICAL BULLETIN

### SRS Airbag – Deactivation Switch – Installation Procedure

MODEL 1995-97 MY  
Sedan Range  
VIN  
720001-812255

#### ISSUE:

An airbag deactivation switch kit may be installed, **at owner expense**, on the 1995-97 MY Sedan Range vehicles to allow the owner/driver to control whether the airbag(s), driver, front passenger or both, are active or inactive. **This is a customer paid modification.**

The procedure will require two service visits since the original console veneer must first be sent out for modification.

**Note:** This kit is a protected, controlled use item. The vehicle owner **must** have permission from Jaguar North America and an N.H.T.S.A. waiver permitting use of the kit.

**Note:** Prior to installing the airbag deactivation switch kit, determine whether the vehicle has previously been equipped with a shunt deactivation kit. If so, order a new set of sun visors in the relevant color. When installing the deactivation switch kit, remove the shunt kit and change the sun visors to the new set, with the normal instructions printed on the reverse side label. The old sun visors should be scrapped.

#### ACTION:

##### INSTALLATION INSTRUCTIONS - PRELIMINARY VISIT

1. Move the gear selector lever to Neutral 'N' or Reverse 'R'.
2. Refer to the latest JTIS disc (service manual), to carry out the following operations:
3. Remove the center console veneer (ski slope).
4. Replace with a substitute veneer, ensuring it is the correct model year.
5. Return the vehicle for owner's use.
6. The original veneer must be labeled with the VIN, dealership name and address and shipped to the Jaguar designated veneer repairer. (Refer to page 11, Wood Veneer Modification Process.)
7. Installing the airbag deactivation switch involves the hole modification and refinishing of the veneer only. Any prior veneer damage, that necessitates re-veneering, may be performed at additional cost to the customer.
8. On return of the original modified veneer, install the airbag deactivation

switch kit. If required, remove the shunt kit and replace the sun visors. The old sun visors should be scrapped.

### INSTALLATION INSTRUCTIONS - AIRBAG DEACTIVATION SWITCH KIT

1. Prior to disconnecting the battery, move the gear selector lever to Neutral 'N' or Reverse 'R'.
2. Disconnect both battery terminals, negative first, and stow safely to avoid any possible arcing.
3. Before proceeding with the fitting procedure, wait a minimum of 1 minute to allow full discharge of components.
4. Refer to the latest JTIS disc (service manual), and remove the J-gate surround and ash tray assembly.
5. Remove the center console substitute veneer securing clips.
6. Remove and store the substitute veneer.
7. Lay the original, matching veneer in position.
8. Mark the center tunnel trim panel around the cutout for the deactivation switch.
9. Remove the veneer, then mark a further 30 mm back from the rear of the original mark, Illustration 1, to allow for easy access of the deactivation switch assembly.

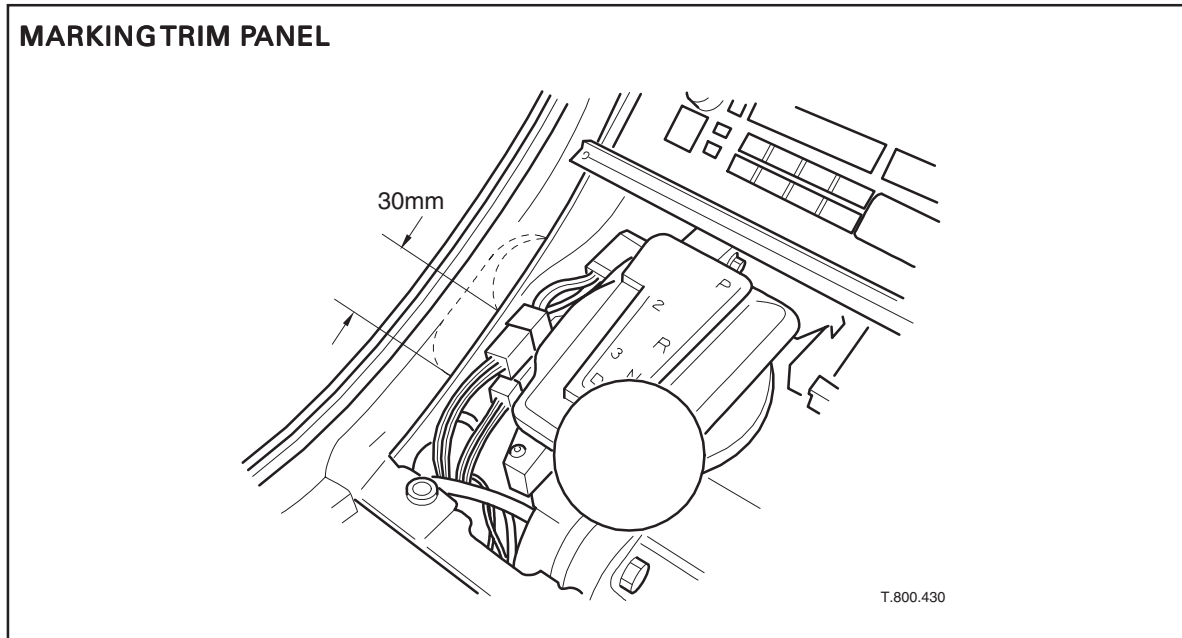


ILLUSTRATION 1

10. To allow the center tunnel trim panel to be cut safely, unclip and displace the black connector on the left side of the J-gate, arrowed, Illustration 2.

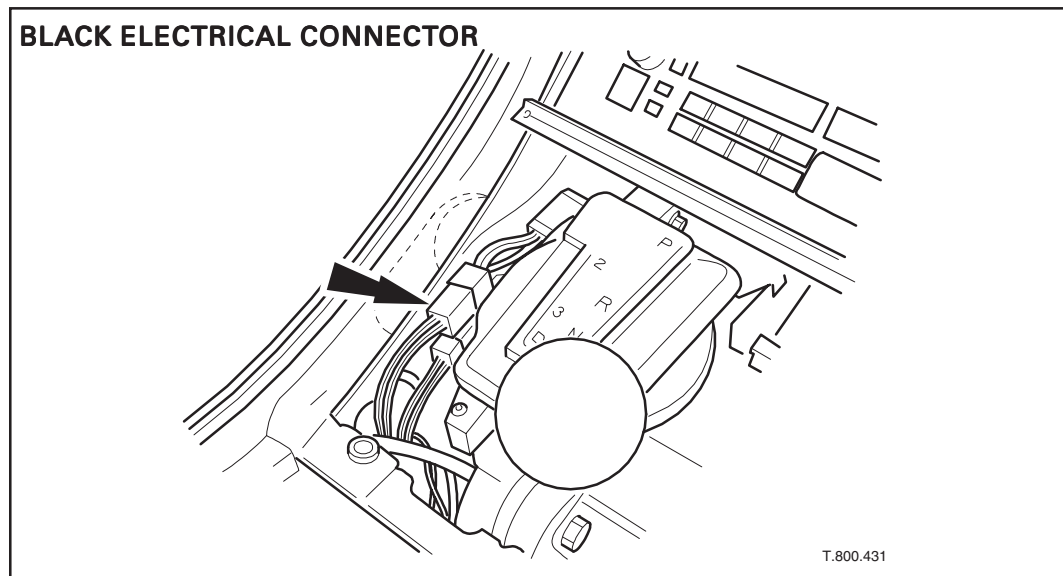


ILLUSTRATION 2

11. With a saw cut away the marked up section of the left side center tunnel trim panel, Illustration 3.

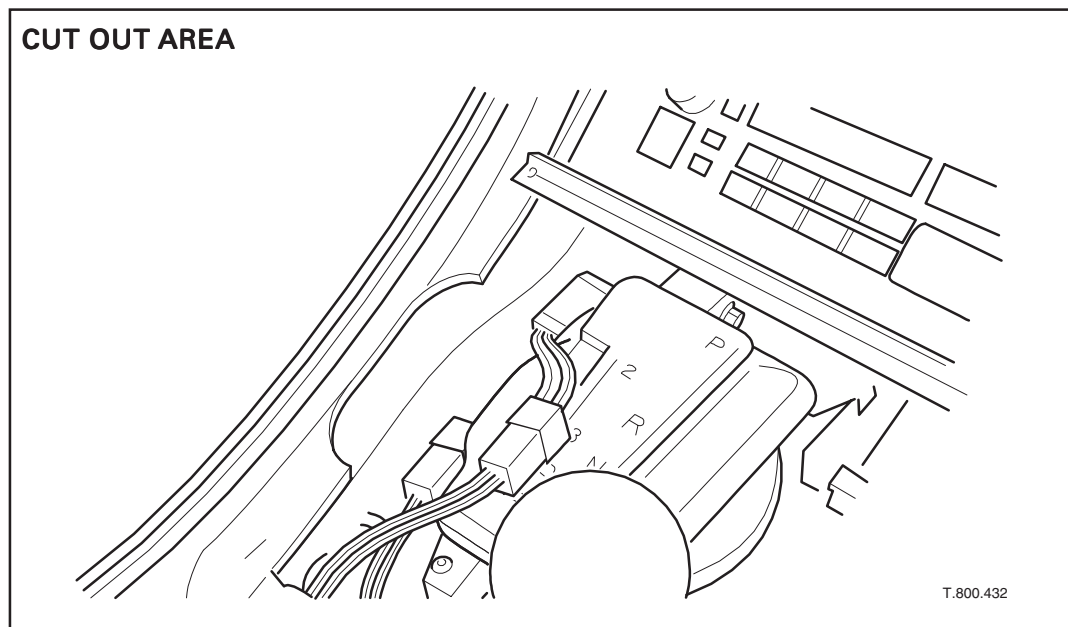


ILLUSTRATION 3

12. When cutting, ensure the cut is only in the top, flat section of the trim panel and **does not** interfere or cut into the side roll (shoulder) of the panel.

13. Install the deactivation switch into the veneer panel by locating the switch lugs into the securing holes.

**Note:** The switch is supplied with a foam gasket. Ensure this is installed between the underside of the switch and the face of the veneer panel.

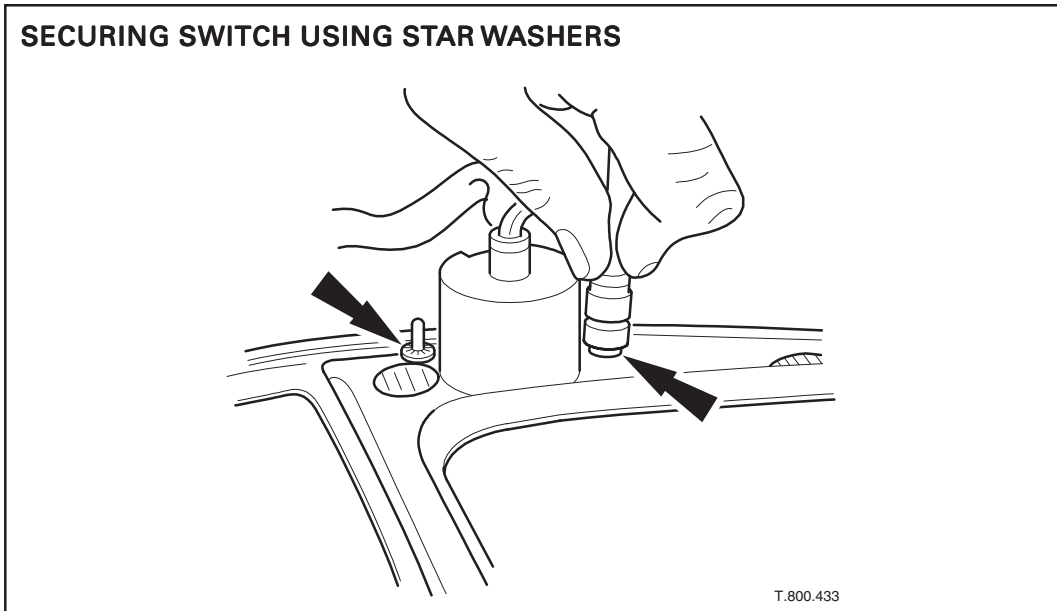


ILLUSTRATION 4

14. To avoid possible damage to the veneer, place the assembly face down on a soft, protected, surface. Fully secure the switch by pushing the 'star' fixing washers fully down over the lugs, arrowed, Illustration 4.
15. Refer to the latest JTIS disc (service manual), and remove the glove box and knee bolster assemblies.
16. Remove the ICE (in-car entertainment), panel assembly.

17. Take the deactivation harness and the securing clip and firmly fix the clip to the harness with adhesive insulation tape, 360 mm from the rear edge of the gray connector, Illustration 5.

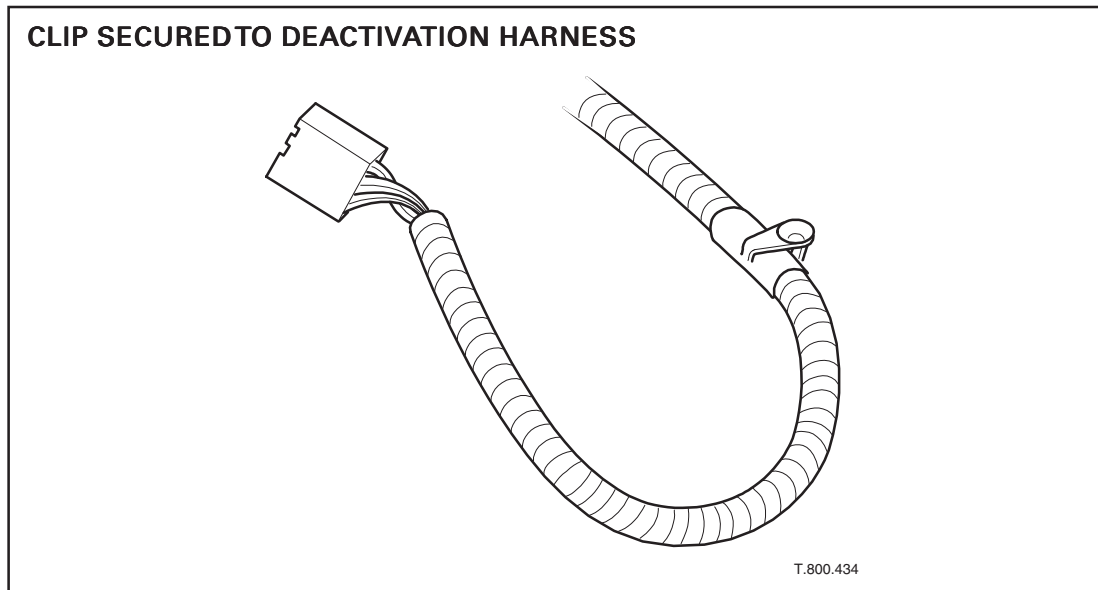


ILLUSTRATION 5

18. Route the gray connector from the glove box area, through the opening above the air conditioning heater duct, to the center console area.

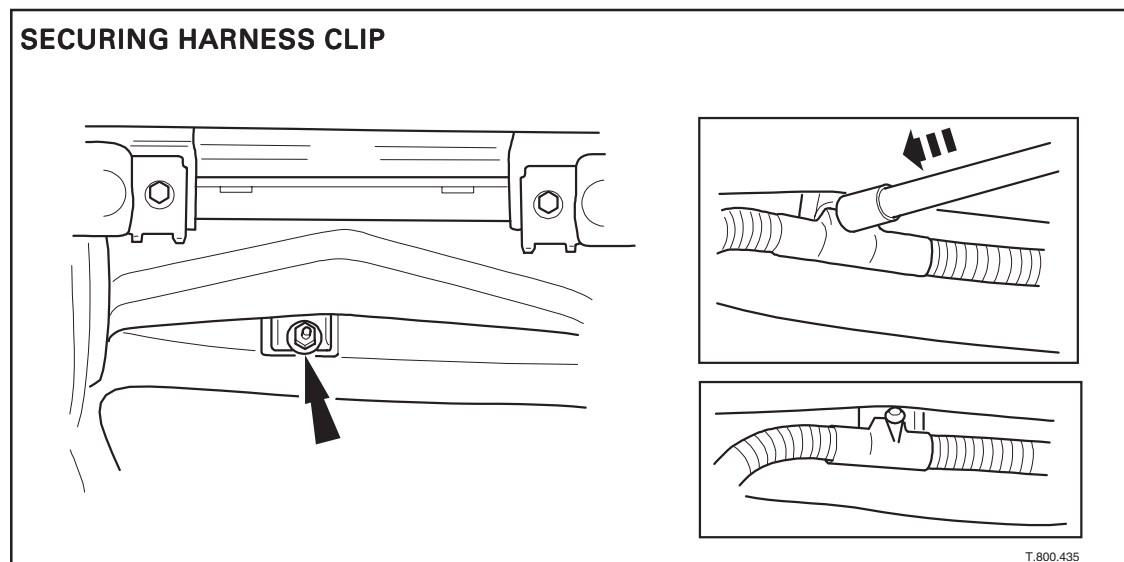


ILLUSTRATION 6

19. Using a suitable tool, push the deactivation harness securing clip, firmly, onto the air conditioning bracket securing bolt, arrowed, Illustration 6.

20. Route the deactivation harness across and from the front of the center console, rearward, along the left side, toward the J-gate, Illustration 7.

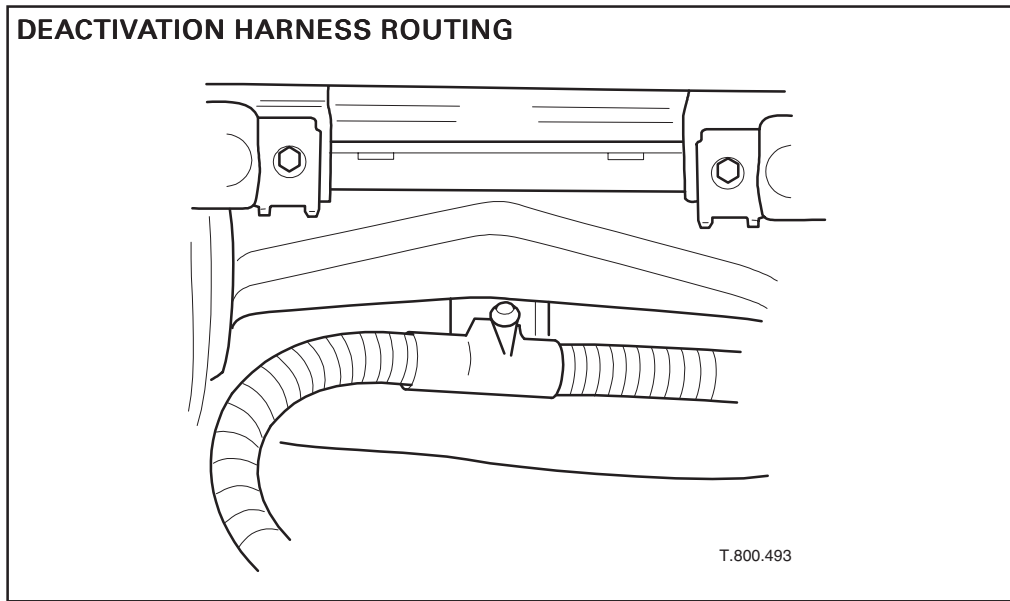


ILLUSTRATION 7

21. Make a loop in the harness, behind the glove box and secure with a cable tie, arrowed, Illustration 8. Secure the deactivation harness to the existing harness with cable ties, arrowed, Illustration 8.

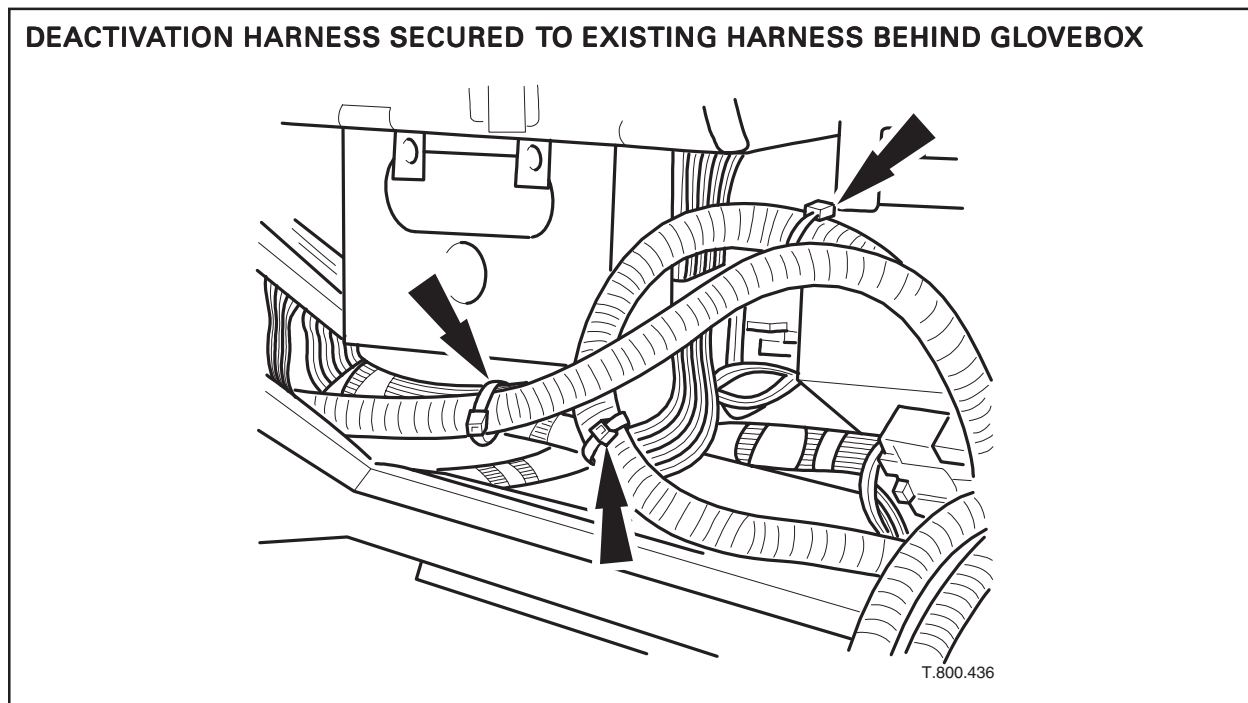
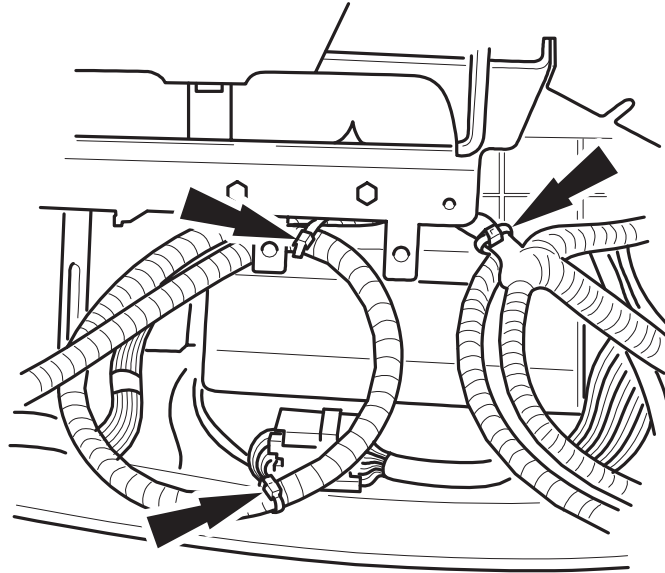


ILLUSTRATION 8

22. Route the deactivation harness, to a point where the junction in the harness is aligned with the right vertical molded bar on the heater box.

## SECURING HARNESES BEHIND GLOVE COMPARTMENT

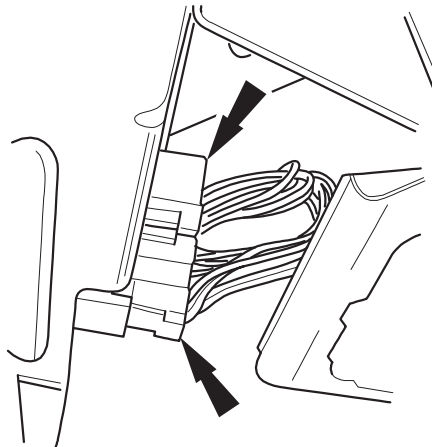


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ILLUSTRATION 9

23. Secure with a cable tie around the molded bar and harness, arrowed, Illustration 9.
24. Repeat with a cable tie around the left molded bar and harness, arrowed, Illustration 9.
25. Finally, secure with a cable tie around the existing harness at a point adjacent to the existing, green connector, arrowed, Illustration 9.
26. Ensure the harness is protected from chafing/fraying and protect from metal edges by packing, as necessary, with foam pad.

## DISCONNECTING CONNECTORS AT AIRBAG DIAGNOSTIC MODULE



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ILLUSTRATION 10

27. The restraint control module and connectors, are located under the right side of the dashboard.
28. Disconnect the gray female connector from the airbag diagnostic module, arrowed, Illustration 10.

29. Connect the gray female connector on the deactivation harness to the airbag diagnostic module. **Ensure a good connection is made, indicated by a positive 'click'.**
30. Disconnect the black female connector from the airbag diagnostic module, arrowed, Illustration 10.
31. Connect the black female connector on the deactivation harness to the airbag diagnostic module. **Ensure a good connection is made, indicated by a positive 'click'.**

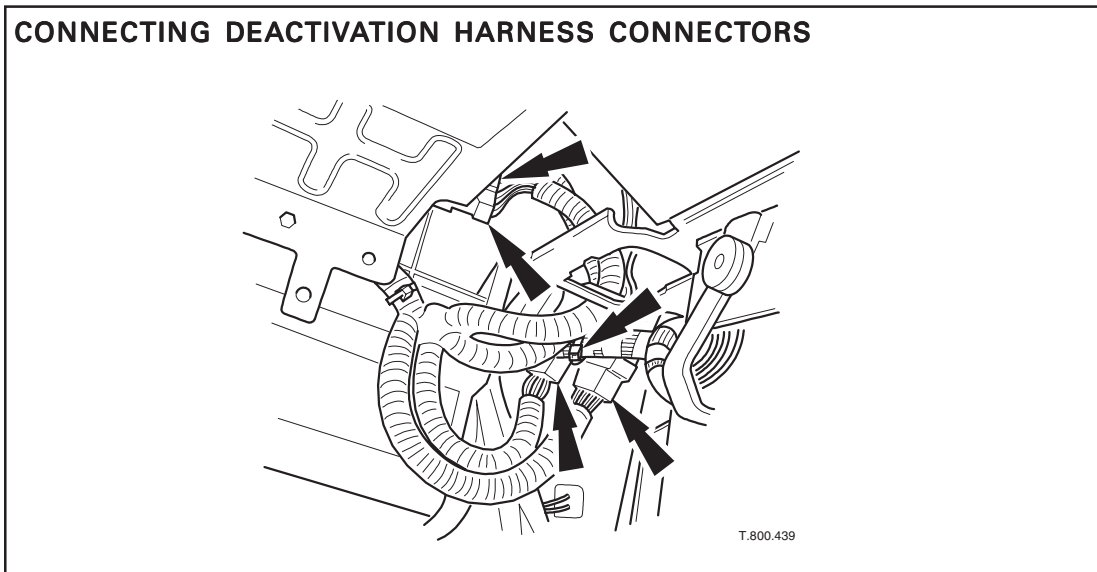


ILLUSTRATION 11

32. When connecting the gray and black female connectors on the deactivation harness into the airbag diagnostic module, arrowed, Illustration 11, note that the upper connector is black, while the lower connector is gray.
33. Connect the gray and black male connectors on the deactivation harness to the mating, female connectors, originally from the airbag diagnostic module, arrowed, Illustration 11. Connect gray to gray and black to black.
34. **Ensure a good connection is made, indicated by a positive 'click'.**
35. Cable tie the deactivation harness to the existing harness, arrowed, Illustration 11. **Ensure it is clear of any metal edges. Use foam packing, if required.**



### CONNECTING HARNESS TO DEACTIVATION SWITCH

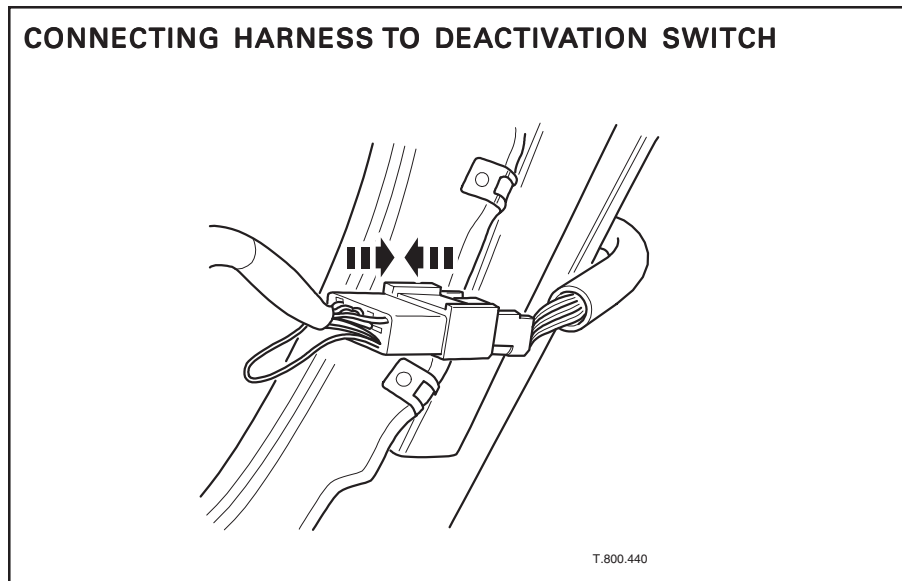


ILLUSTRATION 12

36. Reinstall the glove box and knee bolster assembly.
37. Connect the deactivation switch harness connector, gray, to the deactivation switch on the center console veneer panel, Illustration 12. **Ensure a good connection is made, indicated by a positive 'click'.**
38. To avoid possible scratches/accidental damage, stow the veneer and switch assembly safely and carefully to the left side of the center tunnel console.

### REINSTALLING CENTER CONSOLE VENEER PANEL

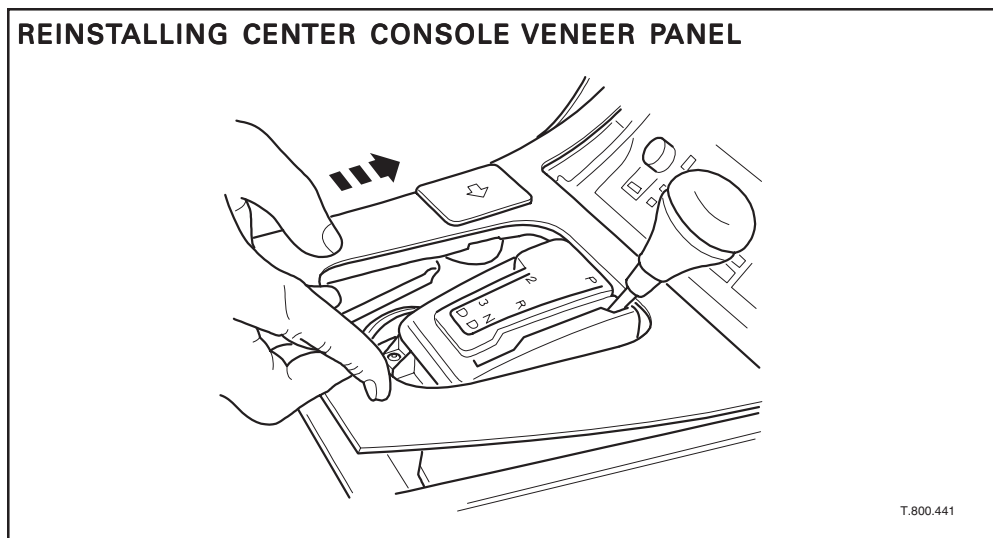


ILLUSTRATION 13

39. Reinstall the ICE (in-car entertainment), panel assembly.
40. Reinstall the center console veneer panel. Slide the veneer panel forward into position. Allow the deactivation switch to drop into the cutout on the center tunnel trim panel, Illustration 13, **ensuring there is no interference condition or trapped wires.**

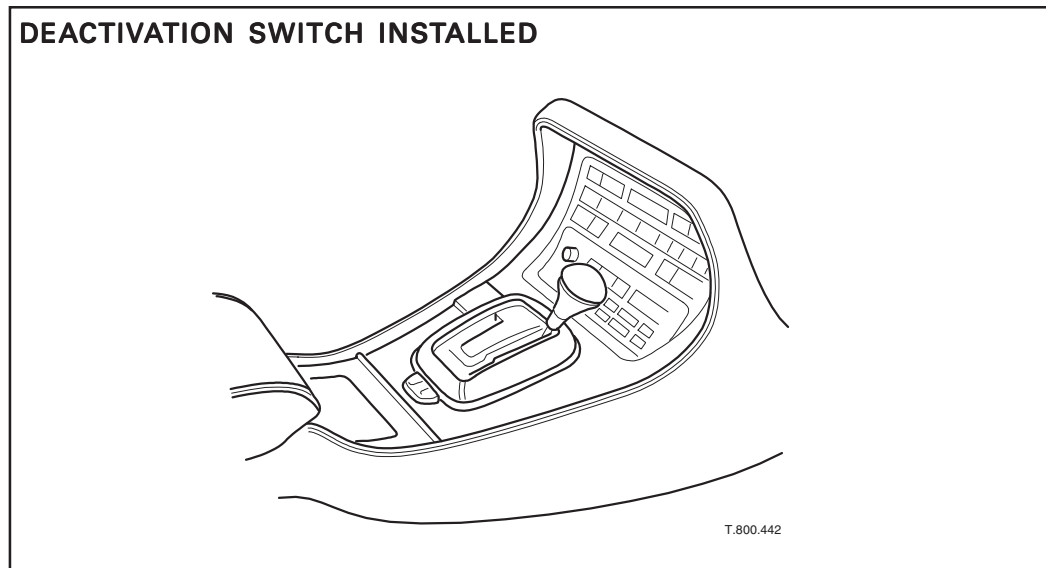


ILLUSTRATION 14

41. Reinstall the J-gate surround and ash tray assemblies and all other components previously removed.
42. Illustration 14 shows completed installation.
43. Reconnect the battery and set the clock.

#### FUNCTIONAL CHECK

1. Sitting well back from the steering wheel, ensure no objects are between the airbag module and driver.
2. Insert the ignition key and switch on the ignition.
3. Wait for the airbag malfunction indicator lamp (MIL) on the instrument panel to go off and stay off.
4. Ensure neither lamp on the airbag switch panel is on.
5. Switch the ignition off.
6. Use the ignition key to turn the deactivation switch and check all positions (where applicable within switch variant), as follows:
  - **Driver airbag off.** With the ignition on, the airbag MIL on the instrument panel will extinguish after approximately 4 to 5 seconds. On the airbag deactivation switch, the 'driver' lamp stays on.
  - **Airbags on.** With the ignition on, the airbag MIL on the instrument panel will extinguish after approx. 4 to 5 seconds. On the airbag deactivation switch, all lamps stay off.
  - **Passenger airbag off.** With the ignition on, the airbag MIL on the instrument panel will extinguish after approx. 4 to 5 seconds. On the airbag deactivation switch, the 'passenger' lamp stays on.
  - **Airbags off.** With the ignition on, the airbag MIL on the instrument panel will extinguish after approx. 4 to 5 seconds. On the airbag deactivation switch, both lamps (driver and passenger) stay on.

7. Finally, using the ignition key, return the deactivation switch to **Airbags on** position. Remove the key from the switch.
  - After successful completion of fit and functional check, ensure the appropriate language driver instruction supplement, is inserted in the vehicle driver's handbook.
  - Supplement publication numbers are as follows:
    - JTP 641-English.
    - JTP 642-French.
    - JTP 643-Spanish.

### WOOD VENEER MODIFICATION PROCESS

- Remove wood veneer part **and all hardware**, install the temporary wood trim (if necessary) and return the car to the customer.

<p><b>Note:</b> If hardware is not removed, Madera Concepts will charge you a \$10.00 removal fee which will not be reimbursed under warranty.</p>
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- Obtain a dealership Purchase Order if required by your Accounting Department, complete the Repair Request Form (W34) and ship the part, Repair Request Form, and Purchase Order to Madera Concepts using the pre-paid 2 day shipping procedures outlined below (1 vehicle's parts per box).
- Madera Concepts will modify the part(s) within 5 to 7 working days and return to you via 2 day pre-paid service. The chassis number and Madera's invoice number will be visible on the outside of the package.
- Madera Concepts invoice will accompany the repaired part in the return shipment. You will be billed for inbound/outbound shipping and the veneer repair cost.
- Remove the temporary part from the customer's vehicle and reinstall the modified original part.
- If a **warrantable defect** exists with the panel, submit a claim to Jaguar Cars. Refer to Administration bulletin 3-158 for information.
- Pay the vendor invoice (30 day terms).

If you have any questions concerning the status of a repair, or a repair bill contact:

Madera Concepts

606 Olive St.

Santa Barbara, CA 93101

Telephone: 805 962-1579 Fax. 805 962-7359

## SHIPPING PROCEDURES

We have established a "freight collect" 2 day shipping process with Airborne Express that can be used for warranty and dealer/customer paid wood veneer repairs. You incur no expense when you ship the package. All shipping charges are itemized on Madera Concepts repair invoice which accompanies the repaired part.

**Important:** Each package shipped to Madera Concepts must contain wood veneer parts from one vehicle only. If it is necessary to ship parts from more than 1 vehicle at the same time, the parts must be packed in separate boxes with separate Airbills, Repair Request Forms, and Purchase Orders.

- Complete all sections of the Airbag Switch Modification Form and sign. Remember only 1 form per vehicle, 1 vehicle's parts per box.
- Obtain a dealership Purchase Order (if required by your Accounting Dept.)
- Attach the P.O., and Airbag Switch Modification Form to the Parts.
- Package parts carefully to protect them from damage.

**Note:** Parts must be packaged efficiently in appropriate size boxes, refer to the table below for box sizes and weight for various parts. Failure to package parts efficiently will result in increased shipping charges that will not be reimbursed by Jaguar Cars.

- Weigh the package - round up to the nearest pound.
- Attach a pre-printed airbill to the package, enter the following information:
  - Section 3, Sender's Signature - sign and date.
  - Section 6, Number of Packages - always enter "1"
  - Section 7, Weight - enter package weight rounded to nearest pound.
  - Special Instructions:
    - declared value - essential that you check this box.
    - shipment valuation - enter the replacement value of the package content.

**Note:** Failure to enter the shipment valuation will result in an uninsured package. The dealer must bear the replacement cost of a lost or damaged shipment if the package is uninsured. Do not check the "Full Insurance" box. This will result in increased shipping charges that will not be reimbursed by Jaguar Cars.

- Call Airborne Express' automated shipping line before 2:30 p-m. to arrange a pick-up the same day. Provide the requested information when prompted (800-247-2676).
  - enter your phone number (**must be the number pre-printed on the Airbill**).
  - enter "1" if your package is ready now, enter "2" if it will be ready later that day followed by the time it will be ready.
  - enter the number of boxes you are shipping followed by the "#" sign.
  - enter "1" if the package is less than 10 lbs., enter "2" if greater than 10 lbs.
  - Airborne Express will then give you a confirmation number which should be recorded.
  - remove the 2 peel-off tracking numbers from the back of the Airbill and retain them in the event the package is not received by Madera Concepts.

Airborne Express does not charge for pick-up and will not require you to pay an account fee.

You have been provided an initial supply of pre-printed Airbills and a reorder form. To obtain additional Airbills follow the instructions on the reorder form and contact Airborne Express (800) 247-2676.

**MADERA CONCEPTS BILLING**

Madera Concepts will ship repaired parts back to you with the chassis number of the vehicle and their invoice number clearly marked on the box. Accompanying the parts will be an itemized bill for the wood repair and inbound/outbound freight. All Madera Concepts bills must be paid within 30 days of receipt, make sure you forward the bill to your Accounting Department. Prices are as follows:

Shipping Fee Examples (one way)

<u>Part Description</u>	<u>Weight</u>	<u>Package Size</u>	<u>Fee</u>
Center Console	11 lbs.	27 x 15 x 5	\$38.50

**PARTS INFORMATION:**

<u>DESCRIPTION</u>	<u>PART NUMBER</u>	<u>QTY</u>
Airbag deactivation switch - driver's airbag only	JLM 20976	1
Airbag deactivation switch - pass. airbag only	JLM 20977	1
Airbag deactivation switch - both airbags	JLM 20978	1

**RECOMMENDED INSTALLATION TIME:**

<u>DESCRIPTION</u>	<u>TIME ALLOWANCE</u>
Install deactivation switch	1.25 hrs.