

# 4FRONT® Driver Airbag Installation Instructions

The Driver Airbag (DAB) is designed to work in conjunction with a 3-point seat belt. **ALWAYS WEAR YOUR SEAT BELT.**

## Important Facts

### PLEASE READ THIS ENTIRE GUIDE BEFORE INSTALLING THE DRIVER AIRBAG.

1. The DAB is to be used in a specific vehicle and specific steering wheel. Check the part number on the module to ensure correct application.
2. Always follow the vehicle manufacturer's installation guide. Use this guide in addition to the vehicle manufacturer's guide.
3. **DO NOT PUNCTURE, DRILL OR APPLY HEAT TO DAB.**
4. The DAB is only designed to activate once. If the DAB is activated or damaged, unit must be replaced by authorized personnel.

### ⚠ WARNING

#### DISCONNECT THE BATTERY

With battery disconnect in OFF position, disconnect and isolate the battery negative cable before beginning airbag system component service procedures. Allow system capacitor to discharge for two minutes before removing airbag components. Failure to disconnect could result in the deployment of occupant protection devices, causing serious injury or death.

### ⚠ WARNING

#### DO NOT APPLY HEAT

Temperatures over 150° C (257° F) could cause the unit to deploy. The deploying DAB could cause serious injury or death.

### ⚠ WARNING

#### HAZARDOUS OPERATION

Applying power prematurely could deploy occupant protective devices, causing serious injury or death to installer. Disconnect and tag out power. Always make connections to the sensor last. Keep clear of driver airbag when first applying power. Failure to follow instructions could cause serious injury or death.

## Installation

1. Remove DAB module from the package – there can be two units per carton. **See Figure 1.** If parts need to be returned, they **MUST** be returned in original packaging.
2. Record serial number located on white label on back of module. A Warning Label is placed over the S/N label, but can be "opened" (like a book page) to provide access to S/N. Records must be retained by OEM for a period of 20 years. **See Figure 2.**
3. Adhere Warning Label (PN80304) to contact plate. Peel off wax paper and press down making sure the warning label sticks to the plastic plate. It is OK but not recommended to adhere center portion of warning label over the top of the S/N label. **See Figure 3.**

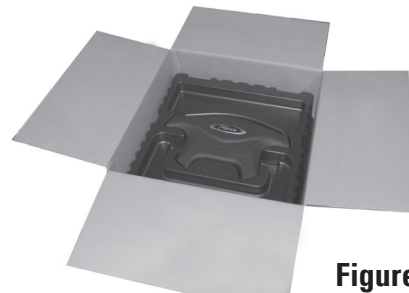


Figure 1

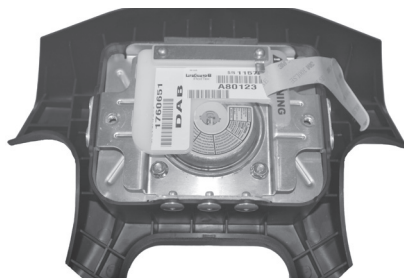


Figure 2



Figure 3



\*80311\*

4. Insert horn female connector onto terminal on A/B module.

5. **POWER MUST BE TURNED OFF DURING THIS STEP.**

Insert 90 degree A/B connector into receiver on center of A/B inflator. A click will indicate the connector is securely locked in place. Use your thumb to make sure the connector is pushed in all the way. Connector will be resting against inflator when properly locked in place. **See Figure 4 A and B.**

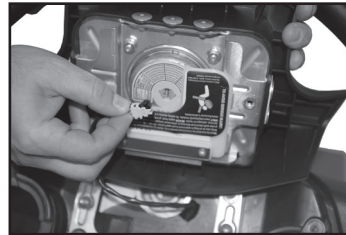


Figure 4A Before

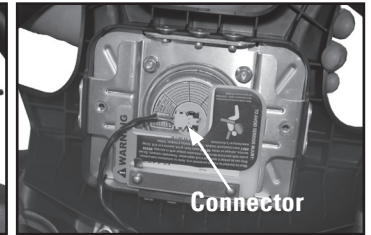


Figure 4B After

6. Place A/B module onto steering wheel and nest onto receiver U-Bar. The U-Bar is the "U" shaped flat metal plate on the steering wheel chassis. It will be supplied with two 1/4"-20 fasteners that are used to secure the A/B module to the steering wheel in the next step. **See Figure 5.**

7. Using special drive tool with a 3/16" Allen wrench tip, tighten the two 1/4"-20 fasteners. Access to the fasteners is gained from the back side of the steering wheel through two access holes. It may help to place the steering wheel telescopic adjustment to its highest positions. **See Figure 6.**

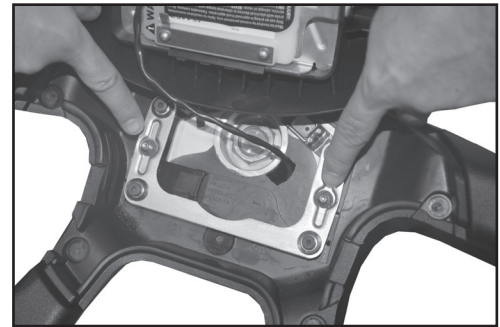


Figure 5

**RECOMMENDED TORQUE = 96 IN-LBS.  
MAX TORQUE = 110 IN-LBS.**

The clinch nuts in the A/B module are torque prevailing to ensure that fasteners do not vibrate loose during the life of the system. Resistance will be felt once the first threads become engaged.

8. Check that the module rests flush with the steering wheel spokes and that it is firmly secured in place. **See Figure 8.** Downward travel of up to 1/8" (3mm) to activate the horn is normal.

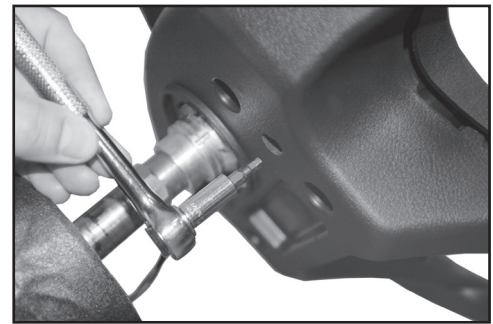


Figure 6 (Shown with gap hider removed for clarity)

**Important:** The following steps **MUST** be performed prior to connecting the battery negative terminal cable:

9. Lower driver side window at least 3 inches.

10. Turn the ignition key to ON position. Exit vehicle.

11. After checking that no one is inside the vehicle, connect the battery negative terminal cable. Turn the battery disconnect switch to the ON position.

**Installation is now complete.**



Figure 7 Wrong



Figure 8 Correct

