

DASH INTERLOCK AIRBAG KIT INSTALLATION INSTRUCTIONS



1. Before working on the vehicle, ensure it is located on safety stands or hoist.
2. Lower axle or raise body until suspension is fully extended.
3. Coil spring must be removed from vehicle. Refer to workshop manual if you are unsure of method, generally lower shock mounts and panhard must be disconnected. Caution: Do not put too much tension on brake lines

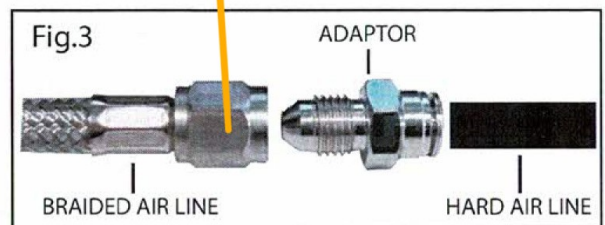
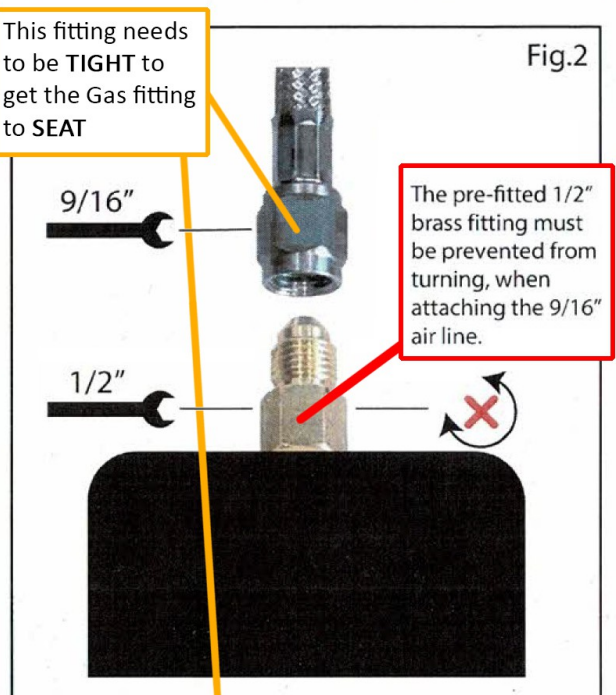
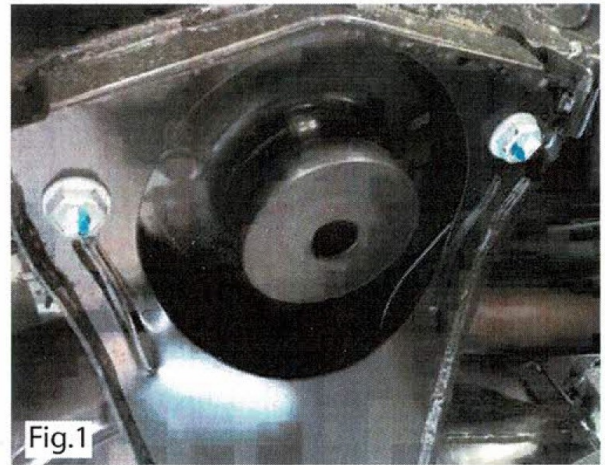
4. Insert the stepped rubber spacer into the upper spring seat. (Fig.1)
If you have a raised kit, insert the large spacer onto the lower spring seat with the cut out channel facing down. (The cut out serves no purpose in this kit)

5. Attach the stainless steel air line to the brass fitting attached to top of the air bag (Fig.2), and put the air bag into the coil spring with the air line feeding out the top.

IMPORTANT: Secure the brass fitting with a 1/2" spanner as you tighten the air line onto the bag to stop it from rotating and over tightening the fitting on the air bag thread. Failing to do this will cause damage to the air bag and will void warranty.

6. Simultaneously feed the air line through the upper rubber block, as well as seating the coil spring back into position. Secure the spring back into place doing the opposite of step 3.
7. Attach heat shield to exhaust. (Refer to attached heat shield application form)
8. Route stainless steel air line to a chosen fill location. Leave sufficient slack in the air line to prevent strain on system during normal axle movements.

If you are installing a compressor Kit, you will need to fit an air line adaptor between the braided air line and the hard air line. (Fig.3)

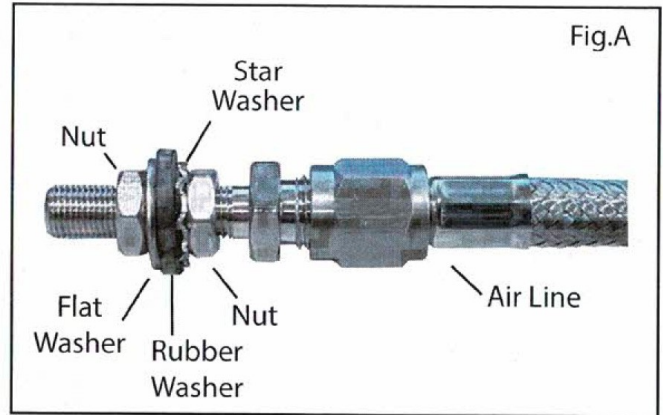


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If you are installing a compressor kit, follow the instructions of that kit and then come back to step E.

- A) Select a location to mount the schroeder valves. Drill an 8mm hole to mount into or alternatively, mount to the optional "Tow Mount Bracket".
- B) Once you have your fill location selected, route the air line, leaving a small amount of slack for movement. Secure with the provided cable ties. Avoid sharp edges, moving parts or angles beyond 90 deg.
- C) Onto the schroder valve, install the first nut (this will determine the depth the valve pokes through the mounting location), then the star washer. Feed the valve through the 8mm hole, then install the rubber washer, metal washer & lastly the second nut to secure. (See Fig.A)
- D) With the air line installed, inflate the air bags to 25psi and test for air leaks with soapy water. Test all connections and the airbags.
- E) Check over fittings, hardware or any vehicle parts that were removed during installation process, making sure all is tight.
- F) Place the vehicle back on the ground and adjust the air pressure to suit.



WARNING

- DO NOT ATTEMPT TO INFLATE AIR BAGS BEFORE ALL FITTINGS ARE SECURE.
- NEVER INFLATE AIR BAGS WHEN UNRESTRICTED / UNINSTALLED FROM THE VEHICLE.
- NEVER EXCEED MAXIMUM PRESSURES.
- NEVER EXCEED VEHICLE GVM.
- DEFLATE AIR BAGS TO 5PSI BEFORE RAISING ONTO HOIST OR JACK STANDS.
- DO NOT ADD EXTRA THREAD TAPE TO FITTINGS.
- DO NOT OVER TIGHTEN AIR FITTINGS, BELLOW KITS REQUIRE EXACTLY 1.5 TURNS.
- KEEP AIRLINE AT LEAST 12" AWAY FROM ANY HEAT SOURCE.

CHECK FITTINGS AFTER 500KM OF DRIVING

MINIMUM PRESSURE UNLOADED	5 PSI
MINIMUM PRESSURE LOADED	10 PSI
MAXIMUM PRESSURE	60PSI

PRE-USE GUIDE

INFLATE BEFORE YOU LOAD.

To maximise the effectiveness and to extend the life of the in-coil kits, inflate the air bags to their nominal maximum pressures, load your vehicle, then release the air pressure until desired ride height is achieved.

DASH INTERLOCK AIRBAG KIT INSTALLATION INSTRUCTIONS



EXHAUST CLEARANCE MODIFICATION

Check exhaust clearance and ensure that it is 3-4 inches (75-100mm) from air cylinder. If necessary, loosen clamps and move or rotate it to obtain additional clearance.

HEAT SHIELD INSTALLATION

The heat shield is installed on the exhaust pipe at the closest point to the air spring to protect the unit from the radiant heat of the exhaust system.

Attach radiator clamps loosely around exhaust pipe nearest to the air spring.

Bend heat shield tab out at a 90 degree angle and again half the distance up at a 90 degree angle to form an 'L' shape. Repeat on other tab (FIG. 1A).

Position heat shield and insert the heat shield tabs beneath the two radiator clamps. Tighten the clamps (FIG. 1.)

Bend heat shield to form it around tail pipe. Be sure to maintain a 'dead air' space of 4" to 1" between the tail pipe and the heat shield (FIG 2).

NOTE: MAKE SURE INSTALLATION DOES NOT INTERFERE WITH MOVING PARTS, GAS LINES ETC

