



FIGURE 1 - BENDIX® AD-IP® CABLE BRACKET INSTALLATION

This kit contains all of the mounting bracket components necessary to install the Bendix® AD-IP® air dryer on a vehicle.

BRACKET INSTALLATION (FIGURE 1)

Assemble the cable assembly and brackets as illustrated.

1. Press the isolators (4) onto the upper bracket (1) as shown.
2. Place the air dryer onto the upper bracket (1).

3. Insert the cable assembly (3) through the wing hole of the upper bracket (1), around the air dryer and then again through the bracket (1) on the opposite wing hole. Note: some applications may require the button end of the cable be placed on the opposite wing. When the air dryer is installed, make sure that there isn't any interference between the cable ends and the vehicle mounting bracket.

4. The cable assembly (3) should be placed in the end cover channel when routed around the air dryer.
5. Install the washer (6) and locknut (5) on the threaded end of the cable assembly (3), adjacent to the upper bracket wing hole. Tighten the nut until the washer (6) makes contact with the upper bracket (1). Do not torque the cable assembly (3) at this time.

Install the lower mounting bracket (2) on the Bendix® AD-IP® air dryer. To accomplish this, it is necessary to choose two of the four available mounting holes for installation. To determine which two holes to use, take into consideration the piping connections required to install the air dryer and use those that will best position the unit for ease of installation.

6. Attach the lower mounting bracket (2) and secure with the two 3/8" washers (7) and cap screws (8). Torque to 300-360 in. lbs.

7. Orient the cable assembly and upper bracket (1) so that it is in a flat plane with the lower bracket (2). This can be accomplished in one of two ways: either off, or on the vehicle as follows:

Off the vehicle – place the air dryer assembly on a flat surface with the mounting brackets (1 & 2) down. Secure the brackets to the surface with C-clamps then tighten the cable locknut (5) to 140 in. lbs. Use a wrench on the hex side of the threaded end to prevent the cable from twisting.

On the vehicle – bolt the brackets (1 & 2) to the vehicle air dryer bracket then tighten the cable locknut (5) to 140 in. lbs. Use a wrench on the hex side of the threaded end to prevent the cable from twisting.

Note: For installation requirements and instructions to install the air dryer on the vehicle refer to instruction sheet packaged with the air dryer.

GENERAL SAFETY GUIDELINES

WARNING! PLEASE READ AND FOLLOW THESE INSTRUCTIONS TO AVOID PERSONAL INJURY OR DEATH:

When working on or around a vehicle, the following general precautions should be observed at all times.

1. Park the vehicle on a level surface, apply the parking brakes, and always block the wheels. Always wear safety glasses.
2. Stop the engine and remove ignition key when working under or around the vehicle. When working in the engine compartment, the engine should be shut off and the ignition key should be removed. Where circumstances require that the engine be in operation, **EXTREME CAUTION** should be used to prevent personal injury resulting from contact with moving, rotating, leaking, heated or electrically charged components.
3. Do not attempt to install, remove, disassemble or assemble a component until you have read and thoroughly understand the recommended procedures. Use only the proper tools and observe all precautions pertaining to use of those tools.
4. If the work is being performed on the vehicle's air brake system, or any auxiliary pressurized air systems, make certain to drain the air pressure from all reservoirs before beginning ANY work on the

vehicle. If the vehicle is equipped with a Bendix® AD-IS® air dryer system or a dryer reservoir module, be sure to drain the purge reservoir.

5. Following the vehicle manufacturer's recommended procedures, deactivate the electrical system in a manner that safely removes all electrical power from the vehicle.
6. Never exceed manufacturer's recommended pressures.
7. Never connect or disconnect a hose or line containing pressure; it may whip. Never remove a component or plug unless you are certain all system pressure has been depleted.
8. Use only genuine Bendix® brand replacement parts, components and kits. Replacement hardware, tubing, hose, fittings, etc. must be of equivalent size, type and strength as original equipment and be designed specifically for such applications and systems.
9. Components with stripped threads or damaged parts should be replaced rather than repaired. Do not attempt repairs requiring machining or welding unless specifically stated and approved by the vehicle and component manufacturer.
10. Prior to returning the vehicle to service, make certain all components and systems are restored to their proper operating condition.
11. For vehicles with Automatic Traction Control (ATC), the ATC function must be disabled (ATC indicator lamp should be ON) prior to performing any vehicle maintenance where one or more wheels on a drive axle are lifted off the ground and moving.