Installation Instructions

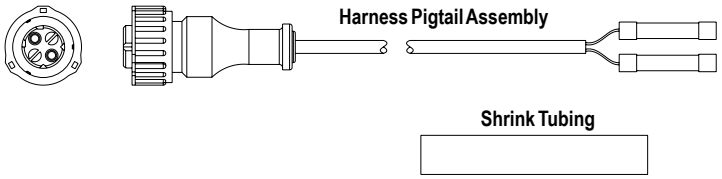
Harness Adapter Kit

SAFE MAINTENANCE PRACTICES

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. Where specifically directed, the parking brakes may have to be released, and/or spring brakes caged, and this will require that the vehicle be prevented from moving by other means for the duration of these tests/procedures.**
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 an 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® 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.**



KIT CONTENTS

Description	Qty
Harness Pigtail Assembly	1
Shrink Tubing	1

FIGURE 1 - HARNESS ADAPTER KIT CONTENTS

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 Antilock 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.**

Service Checks

1. Inspect all wiring and connectors for visible damage, cuts, abrasions, etc. If necessary, replace the entire harness.

Harness Preparation and Installation

1. Remove any harness ties between the valve and the splice point. Hold the replacement harness pigtail assembly next to the original harness and select the point at which to cut the harness to achieve the same final harness length (allowing enough extra harness length to allow for splices, etc.)
2. Clean the the original harness in this area.
3. Cut the original harness and discard the original connector. Insert the shrink tubing over the cut end of the original harness.
4. Strip the outer wire coating (max. 1") and inner wire coating (max. 1/4").
5. Note: It is not necessary to distinguish between the wires - either wire may be placed in either connector. Insert the stripped wire ends and crimp.
6. Position the Shrink Tubing so that it is centered on the splice connectors and using a heat gun etc. carefully apply sufficient heat to shrink the tubing to seal the join.
7. Install the connector into the valve.
8. Secure the harness every 18 inches.

S-1478 ©2006 Bendix Commercial Vehicle Systems LLC 5/2006 Printed in U.S.A. All Rights Reserved.