

Installation Instructions

This side: How to Add the 260.0325 Dual Light Harness to the SmarTire™ by Bendix CVS Receiver.
Other side: How to Connect the Dual LED to the 260.0325 Dual Light Harness.

Follow all industry standard safety precautions, including but not limited to, the Safety Guidelines on page 2.

How to add the 260.0325 Dual Light Harness to the SmarTire™ TPMS by Bendix CVS Receiver.

Note: In some cases, Figure 1 shows example wire locations; refer to exact pin-out positions as given in each step below.

1. Remove the 26-pin connector from the SmarTire™ system receiver module by pressing down on the center locking tab (on the side with three white tabs).
2. To unlock the connector, select the side of the connector that has three white tabs. Using a flathead screwdriver (or similar tool) push down on the middle of the tabs to release the connector housing. (See Figure 1A)
3. Push out the white plugs protecting ports 3, 7, 15, & 16 (see the small numbers embossed on the edge of the connector) using a bent open paper clip (or similar tool) from the backside of the harness connector (see Figures 1B, 1C and 1D).
4. Insert the orange wire into port 3 (LED output) and insert the brown wire into port 7 (Auxiliary Output). Insert the black wire into port 16 (Ground) and insert the red wire into port 15 (Ignition Power On). Inspect the ports to make sure the pins are pushed all the way in — when correctly inserted, you will be able to see the silver top of the pin just inside the port.
5. After all the wires have been inserted, re-lock the 26-pin connector by pushing down the top two white tabs — they must be flush with the female 26-pin panel. See Figure 1H and 1J.
6. Completely seat the connector in the receiver. (The locking tab should 'Click' as the connection is made).

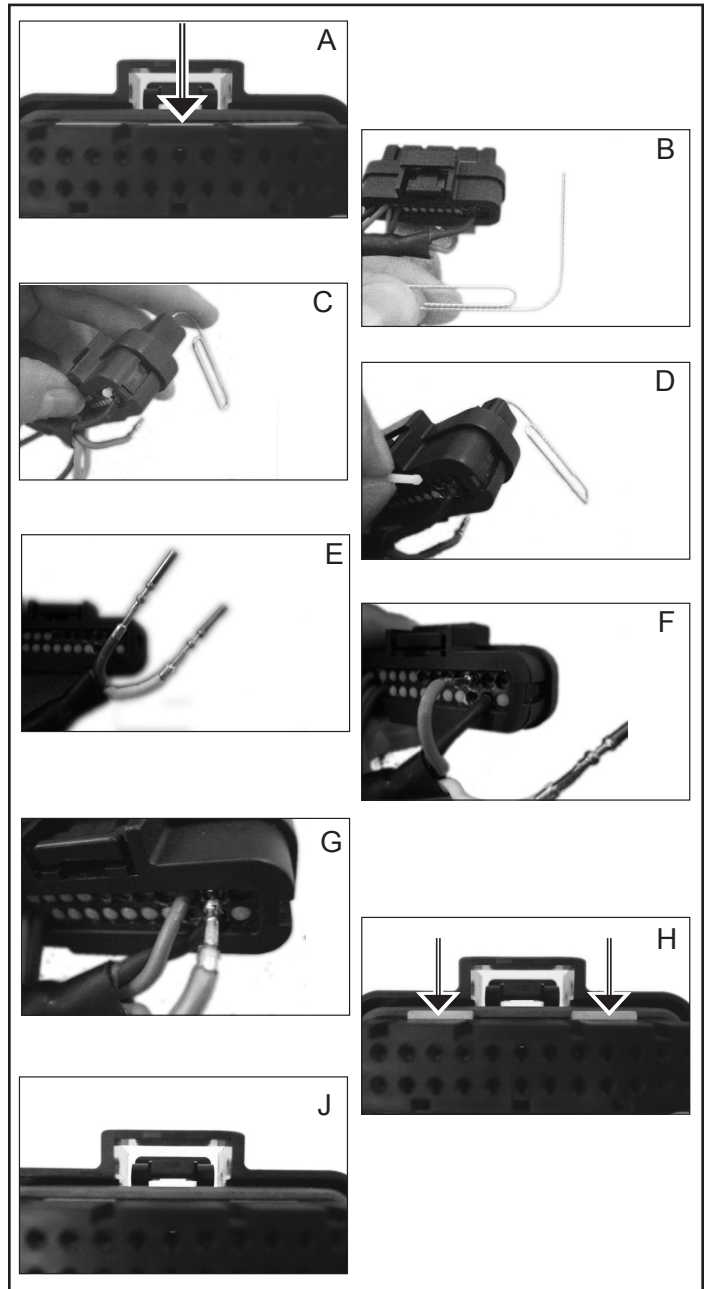


FIGURE 1 - ADDING HARNESS TO CONNECTOR

For additional information for both of these installations, please see the SmarTire™ Tire Pressure Monitoring System by Bendix CVS Operator's Manual BW2799 (formerly 710.0078), available for download at www.bendix.com or www.smartire.com.

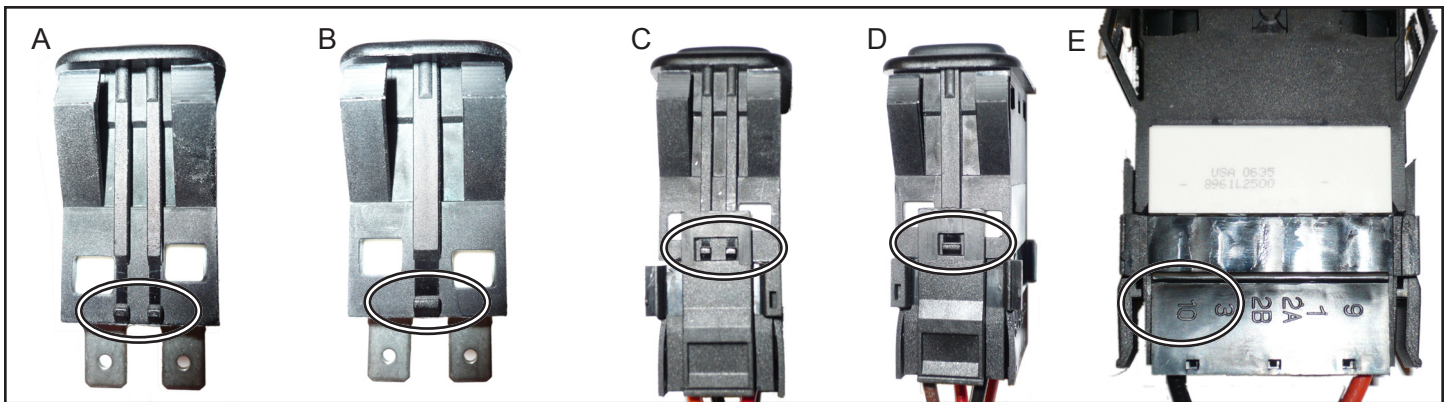


FIGURE 2 - ADDING DUAL LED TO HARNESS

How to connect the Dual LED to the 260.0325 Dual Light Harness.

1. Identify the double retaining hook on one side of the LED (wide), see Figure 2A, and the single retaining hook (narrow) on the opposite side, see Figure 2B.
2. Match the double hook with the wide retention bracket on the LED socket. Match the single hook with the narrow retention bracket. See Figures 2C & 2D.
3. Ensure that the plus sign on the white base of the LED is facing the side of the receiving socket with pin numbers 7 to 8. Conversely, the side with the negative signs should face the socket side with pin numbers 9 to 10, see Figure 2E.
4. Keeping the connectors aligned to prevent the pins from bending, firmly press the LED straight down into the socket.

5. The connector is fully inserted when the retention brackets have locked over the hooks on both sides of the LED and the white base of the LED is flush with the black receiving socket.

Operational Test

With the receiver powered up and a J-1939 Data Link Adaptor module installed, verify the LED operation by entering the Test Mode Tab in the SmarTire Diagnostics Software and pressing the lamp symbol.

For additional information, please see SmarTire™ Tire Pressure Monitoring System by Bendix CVS Operator's Manual BW2799 (formerly 710.0078), available for download at www.bendix.com and/or www.smartire.com.

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. 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 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.