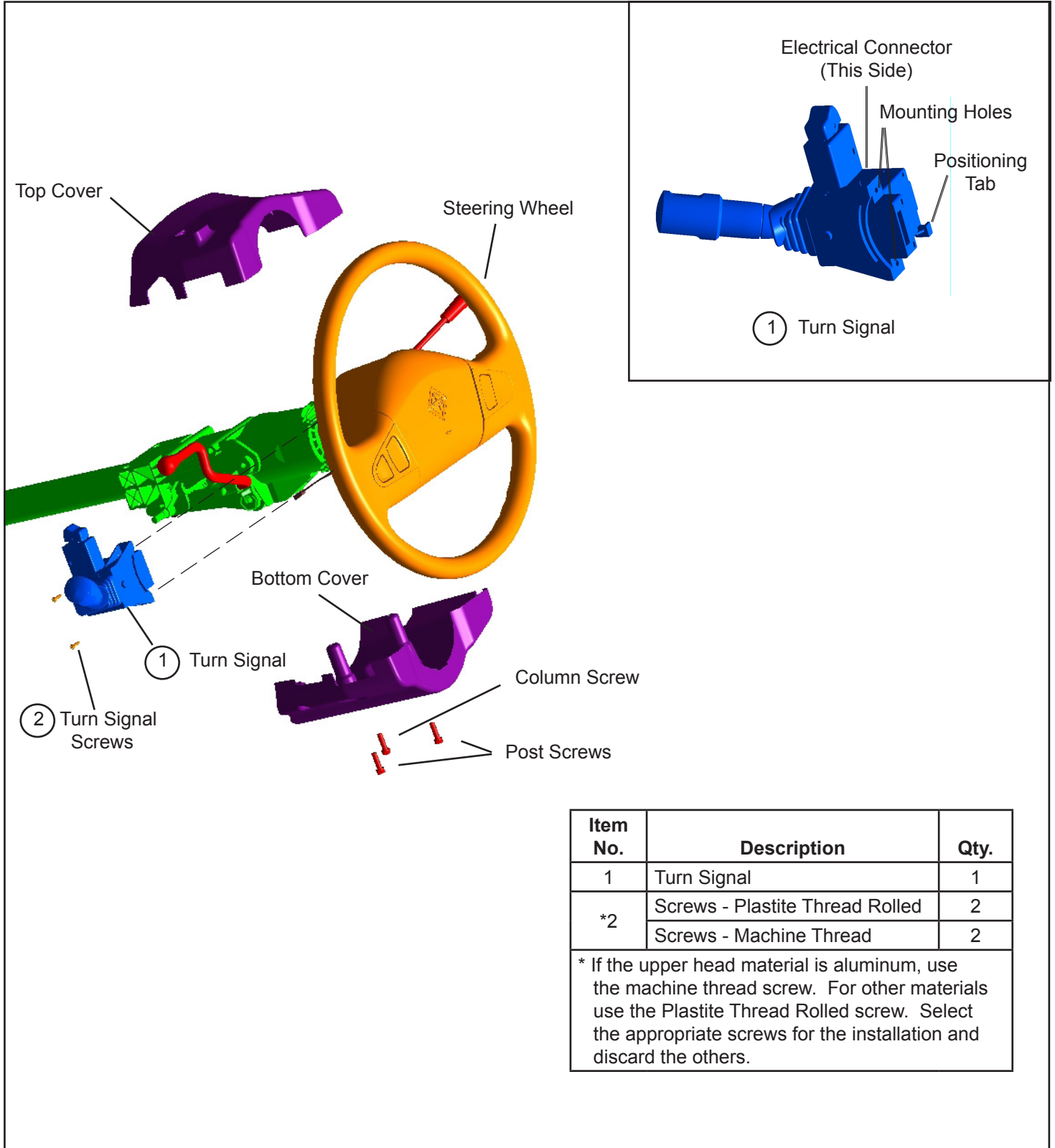




Installation Instructions

TURN SIGNAL KIT



Item No.	Description	Qty.
1	Turn Signal	1
*2	Screws - Plastite Thread Rolled	2
	Screws - Machine Thread	2

* If the upper head material is aluminum, use the machine thread screw. For other materials use the Plastite Thread Rolled screw. Select the appropriate screws for the installation and discard the others.

Figure 1 Turn Signal Kit



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 guidelines should be observed AT ALL TIMES:

- ▲ Park the vehicle on a level surface, apply the parking brakes and always block the wheels. Always wear personal protection equipment.
- ▲ Stop the engine and remove the 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.
- ▲ 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.
- ▲ 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, a Bendix® DRM™ dryer reservoir module, or a Bendix® AD-9si® air dryer, be sure to drain the purge reservoir.
- ▲ Following the vehicle manufacturer's recommended procedures, deactivate the electrical system in a manner that safely removes all electrical power from the vehicle.
- ▲ Never exceed manufacturer's recommended pressures.
- ▲ Never connect or disconnect a hose or line containing pressure; it may whip and/or cause hazardous airborne dust and dirt particles. Wear eye protection. Slowly open connections with care, and verify that no pressure is present. Never remove a component or plug unless you are certain all system pressure has been depleted.
- ▲ Use only genuine Bendix® brand replacement parts, components and kits. Replacement hardware, tubing, hose, fittings, wiring, etc. must be of equivalent size, type and strength as original equipment and be designed specifically for such applications and systems.
- ▲ 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.
- ▲ Prior to returning the vehicle to service, make certain all components and systems are restored to their proper operating condition.
- ▲ 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.
- ▲ The power **MUST** be temporarily disconnected from the radar sensor whenever any tests **USING A DYNAMOMETER** are conducted on a vehicle equipped with a Bendix® Wingman® system.
- ▲ You should consult the vehicle manufacturer's operating and service manuals, and any related literature, in conjunction with the Guidelines above.

DESCRIPTION

This kit contains all of the necessary components to replace the turn signal assembly on International vehicles.

DISASSEMBLY

1. Disconnect the power source before working on electrical components.
2. As shown in Figure 2, remove the steering column covers by removing the post screws and one column screw with a Torx® driver. Separate the bottom and top cover halves. A wiring harness may be attached to the bottom cover half and will prevent the cover from being removed from the steering column area. Complete removal of this cover is not necessary or recommended to facilitate the installation of this kit.
3. With a long handle Phillips head screwdriver, remove and discard the two turn signal screws (2) that secure the turn signal housing (1) to the steering column.
4. Disconnect the electrical connector located on the back side of the turn signal housing by gently squeezing the tab of the wiring harness connector while pulling it away from the turn signal. Discard the turn signal (1).

ASSEMBLY

1. Select the appropriate turn signal screw (2). If the upper head material is aluminum, use the machine screw (2), otherwise use the plastite screw (2).
2. Align the mounting holes of the new turn signal (1) with the holes in the steering column housing. *Refer to Figure 4.* Ensure the positioning tab is centered in the steering column housing locating slot as shown in Figure 3. Secure using the appropriate turn signal screws (2) contained in this kit. Torque to 15-35 in-lbs.
3. Connect the wire harness to the turn signal electrical connector on the bottom of the housing. An audible "click" ensures the connector is secure.
4. Reinstall the column cover halves, starting with the bottom cover. Align the steering column screw hole of the bottom cover with the steering column hole. As shown in Figure 5, the locating tab inside the cover rests against the Bendix® TC-7™ trailer control valve mounting plate when properly positioned. Install the column screw. If the wire harness that attaches to the bottom cover becomes detached during installation, secure the wire harness and clip before installation. Align the top cover with the bottom cover and install the post screws. Tighten the center column screw to 20-40 in-lbs. For a tilt and telescoping steering column, tighten the center column screws to 10-25 in-lbs.
5. Reconnect the power source.

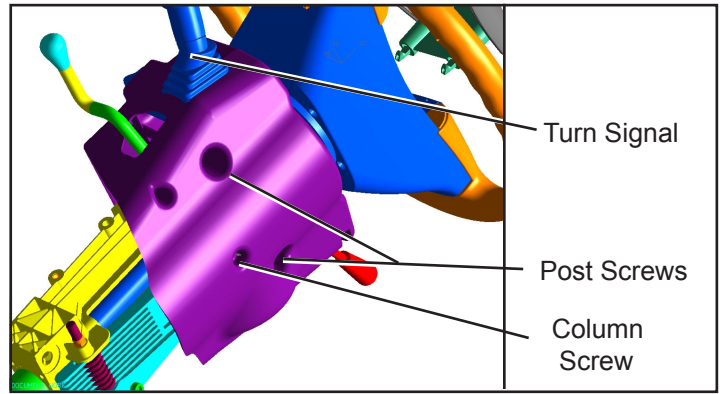


Figure 2 Removing Column and Post Screws

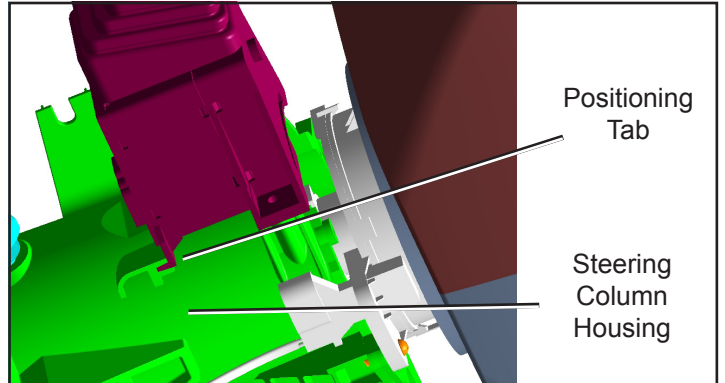


Figure 3 Positioning Tab

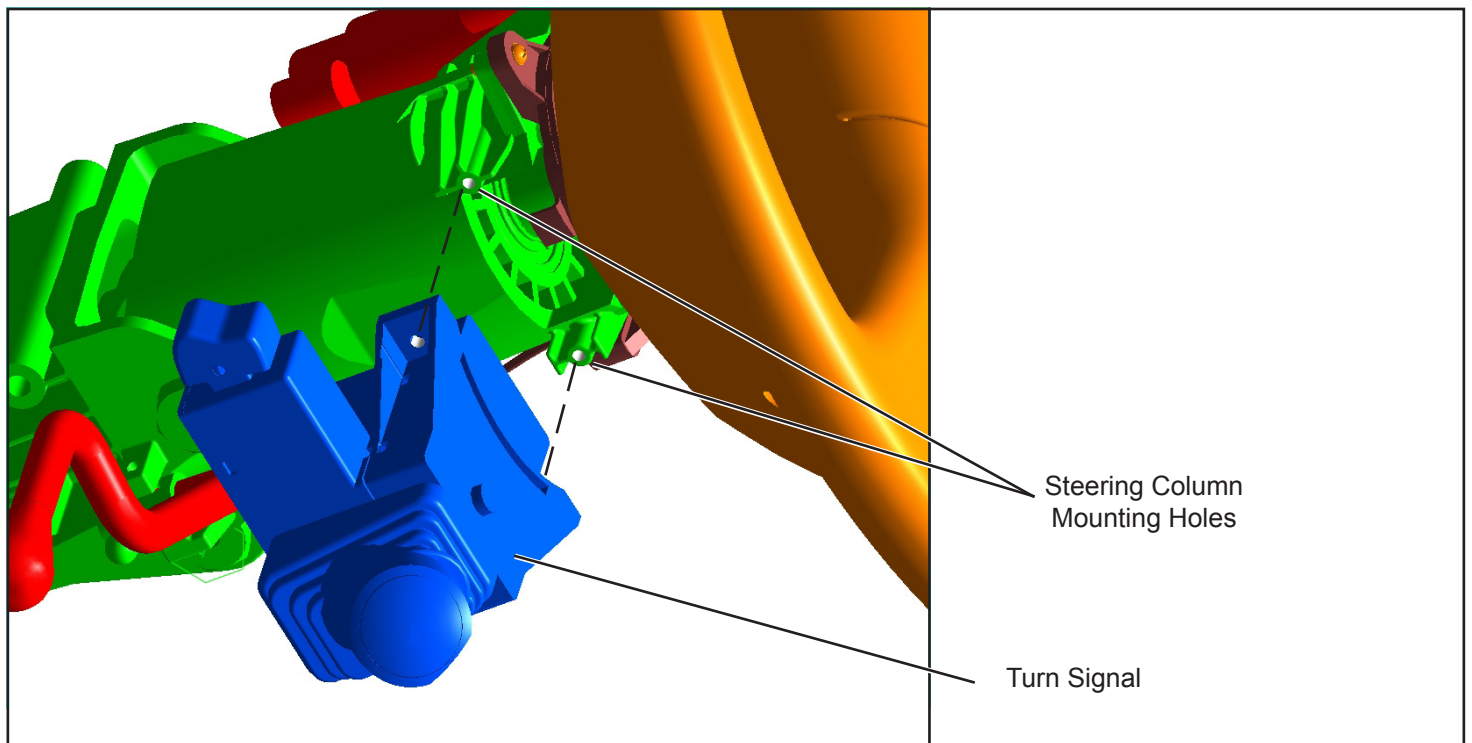


Figure 4 Turn Signal Installation

TESTING THE VEHICLE

1. Verify the turn signal lights on the vehicle and dash indicator are working properly.
2. If the turn signal is not functioning properly, verify that the power source is connected and that all electrical connections are properly seated.

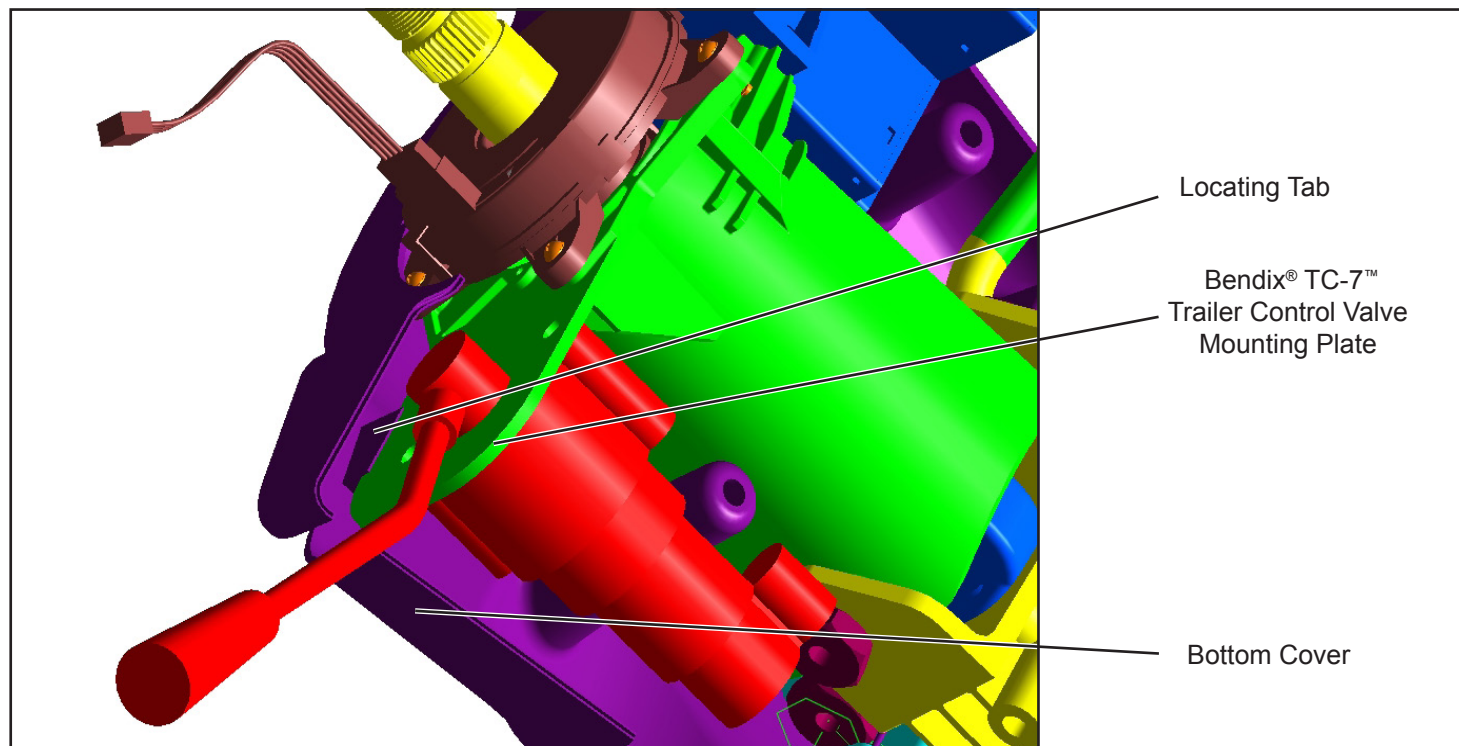


Figure 5 Bottom Cover Installation

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