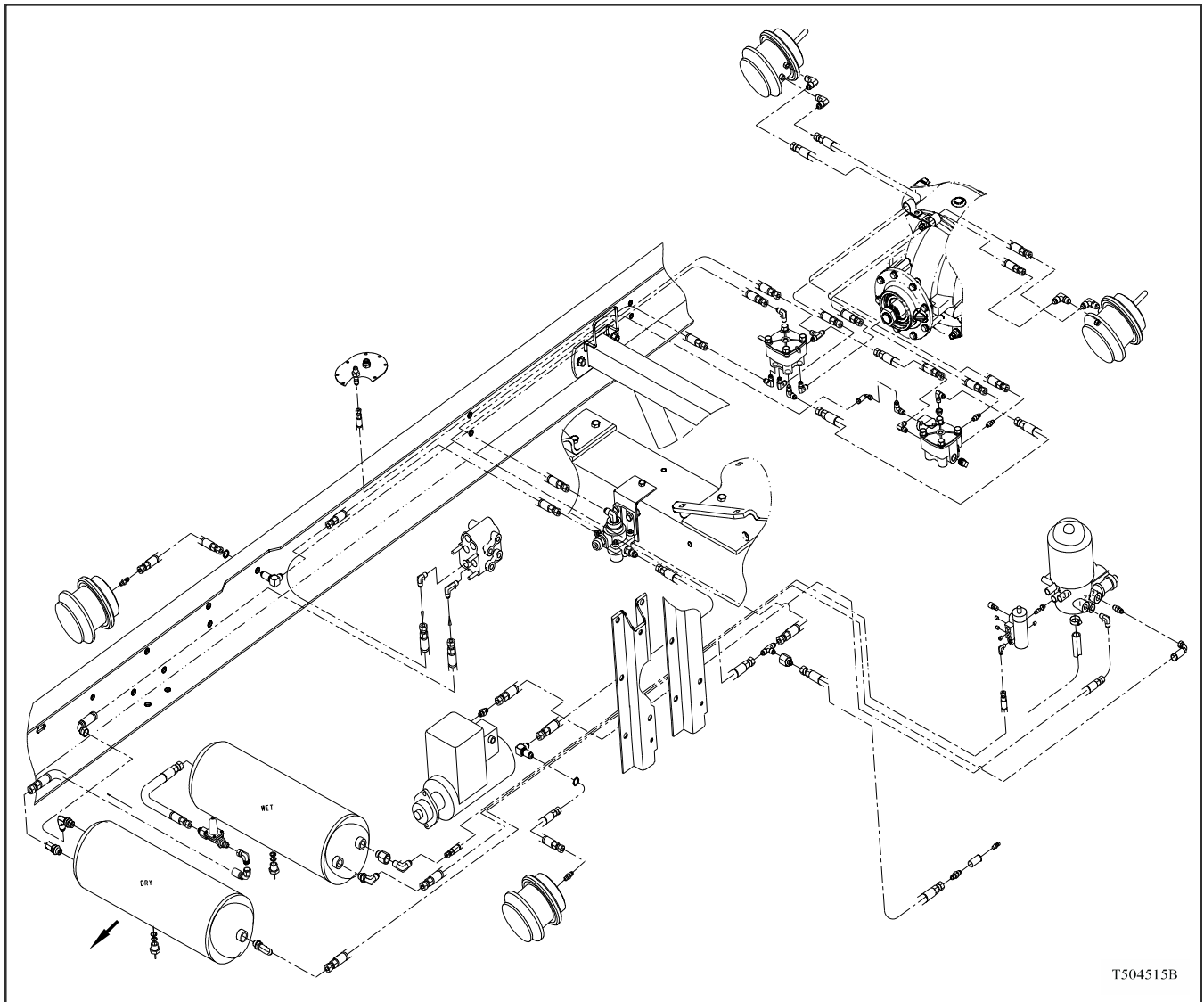


FIG. 2: Air hose installation:



T504515B

FIG. 2

## AIR COMPRESSOR

The air compressor is a Holsett Model HD-650, which is NOT an E-type compressor but instead is a 100% continuous pumping design. The unloading operation is controlled at the air dryer by an external governor which signals the purge port on the dryer to open, dumping the compressor discharge to atmosphere. The air compressor is supplied and mounted by the engine manufacturer. Refer to the engine manufacturer for removal and installation of the air compressor.

## AIR DRYER

The Wabco System Saver 1200-U air dryer is mounted behind the steps going into the cab. The 1200-U dryer can be identified by a small regeneration hole in the back of port 1, which is visible when the fitting is removed. It also has NO spring in the turbo cutoff valve assembly. The dryer is mounted inside a cabinet behind the steps on the 8104 or 8144. It uses a 12-volt heater.

## Removal

FIG. 3: Drain all air pressure from the air system. Remove the bolts and cover panel of the cabinet behind the steps. Remove the hose (which goes to the air storage tanks) from the straight adapter fitting of port 21 of the dryer.

Remove the high temperature steel braid hose (which comes from the air compressor) from the elbow adapter fitting in port 1 of the air dryer. Remove the small airline at the governor, which comes from the air tank. Unplug the wiring connector for the heater. Remove the dryer from the cabinet or plate by removing the three bolts that come into the dryer from the back.

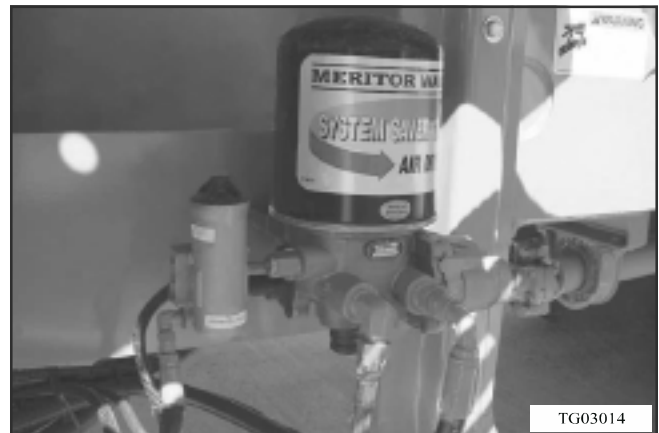


FIG. 3