

SA-26 INDEPENDENT BRAKE VALVE

Tamper-Resistant Screw Modification

FEBRUARY, 1998

The SA-26 Independent Brake Valve contains four tamper-resistant screws which are used to fasten the spring housing to the main body. The screw helps deter a locomotive operator from removing the spring housing to raise the pressure setting of the brake valve.

The design of the current tamper-resistant one-way screw, Pc. No. 651893, is being changed. It was discovered during the rebuild of the brake valves that removal of the screws is very difficult with valves that have been in service for an extended period of time.

The new tamper-resistant screw, Pc. No. 652896, is a $\frac{5}{16}$ -18 UNC x 1" button head machine screw with a pin in the center of a $\frac{3}{16}$ " hex socket (see Figure 1). The new screw provides adequate tamper protection while significantly reducing the complications of removing the screws during rebuilding of the brake valve.

A tool is available for installation and removal of the new screw. The tool is an "L" type hex key, Pc. No. 653850.

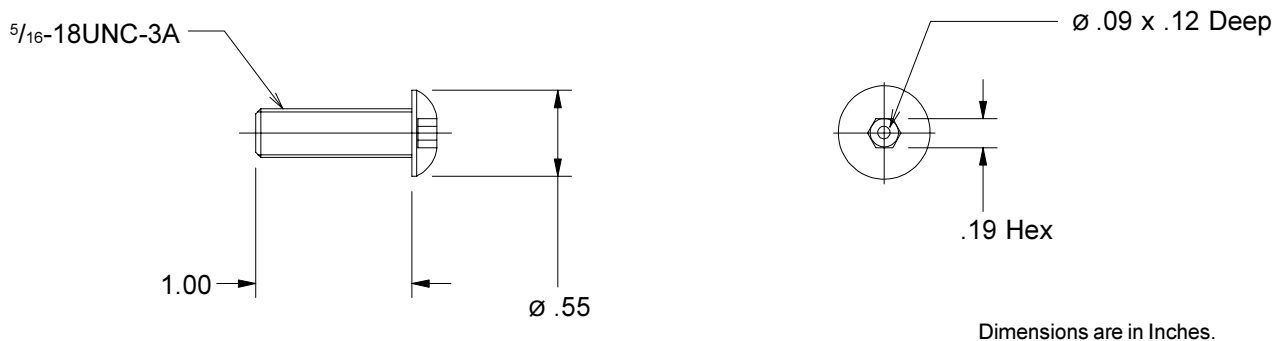


Figure 1 - Tamper Resistant Screw