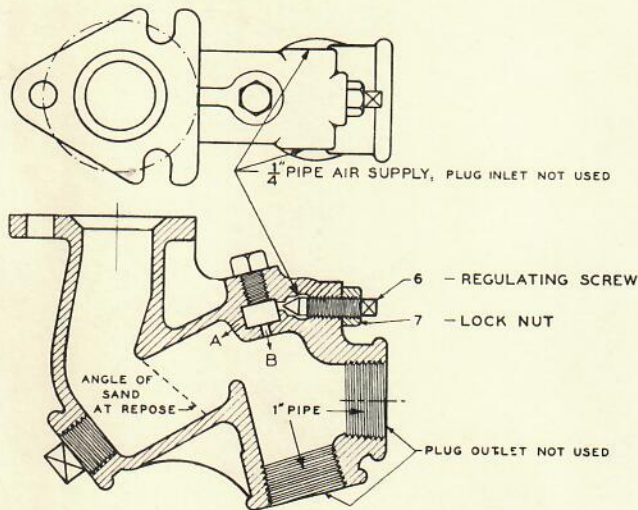


KING SANDER TRAP NO. 39



Sand from the sand box flows by gravity to the sander trap where compressed air, controlled by the sander valve, delivers it to the rail. A jet of air from orifice (A), Plate A-125124, raises sand over the partition while air from orifice (B) clears the delivery pipe and forces sand to the rail. Orifices on each side of locomotive must be adjusted to deliver an equal amount of sand.

If sander fails to operate, clean out trap and orifices to remove scale, wet sand, etc.

Adjust regulating screw (6) to suit grade and quantity of sand and delivery pressure.

For piping details, see AIR PIPING DIAGRAM.

Plate A-125124 King sander trap No. 39.

LOCOMOTIVE & CAR EQUIPMENT DEPARTMENT

GENERAL  **ELECTRIC**

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