

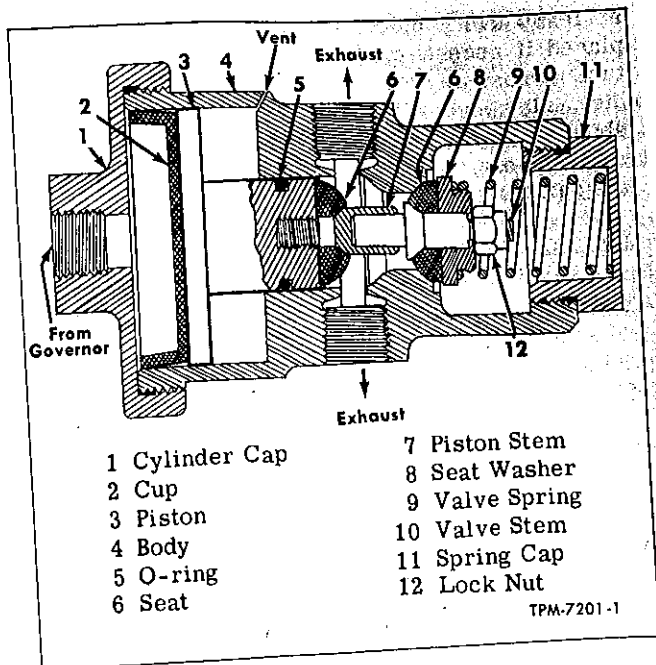


Figure 10—Moisture Ejector Valve (Graham-White)

MOISTURE EJECTOR VALVE (GRAHAM-WHITE)

DESCRIPTION (Fig. 10)

The moisture ejector valve, used as optional equipment on some coaches, is bolted to a bracket above wet air tank and beneath coach floor. Valve may also be located above floor and behind access cover in air duct. Most of the condensation takes place in the wet air tank. This condensation is automatically drained through the ejector valve.

OPERATION

Moisture ejector valve operates each time the governor unloads the air compressor or door control is actuated, depending on type of installation. Air pressure from governor or door control works against ejector valve cup. This force moves piston, compresses valve spring, and unseats exhaust valve. Air pressure in wet air tank forces accumulated moisture into valve and out through two drain lines. At end of piston stroke, opposite seat makes contact and closes valve.