

SERVICE BULLETIN

PLAINTIFF'S EXHIBIT

MAC-87

JUNE 8, 1979

No. Q87 under BRAKES

FOR BRANCHES, DISTRIBUTORS AND CUSTOMERS. (Supersedes Bulletin dated MARCH 15, 1978)

CHASSIS AFFECTED ALLENTOWN ☒ HAYWARD ☒ OAKVILLE ☒

ANTI-WHEEL LOCK PICKUP AND VALVE/CONTROLLER ASSEMBLY
Service Subassemblies and Components
(Eaton, Goodrich and Bendix)

PURPOSE To provide service personnel with part numbers of the component parts used in subject assemblies.

RECOMMENDATION Whenever possible, replace failed components instead of the complete assembly when servicing anti-wheel lock valve/controller assemblies and wheel speed pickups. This practice will lower cost of replacement parts and generally reduce labor time.

INFORMATION Anti-wheel lock controller assemblies consist of three major components or subassemblies which can easily be replaced in the field. They are the valve, controller and solenoid(s). The following parts list shows part number of the valve/controller assemblies currently in use and their components.

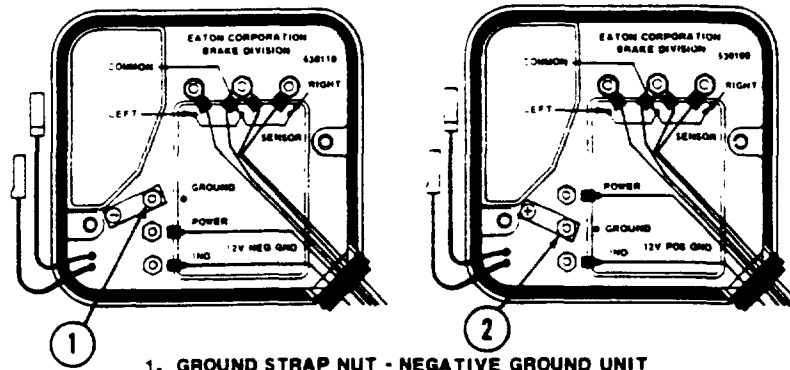
Valve/ Controller Assembly Component Parts - See Figures 1, 2, 4 and 5.

Vendor	Assembly No.	Controller	Valve	Solenoid Kit
Eaton	Model	5MN41R-P1	①2719-630083(Pos. Grd.)	2719-600084
	21	5MN41R-P2	①2719-630069(Neg. Grd.)	②2719-640023
	Model	5MN48R	2719-630383(Neg. Grd.)	2719-640023
		5MN401R	2719-630380(Neg. Grd.)	2719-640023
B. F. Goodrich	5MN35R	7MN31R	3355-1700-6	③3355-1670-1
Bendix	5MN49R	745-289670(Neg. Grd.)	745-289614	745-289278
	5MN400R	745-289359(Neg. Grd.)	745-289614	745-289278
	5MN402R	745-289359(Pos. Grd.)	745-289614	745-289278
	5MN403R	745-289670(Pos. Grd.)	745-289614	745-289278

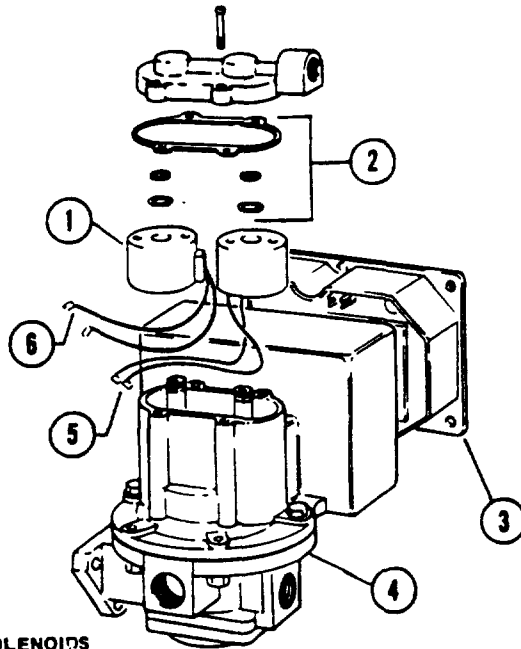
- ① Includes gasket, harness pigtail and clip
② Includes O-rings
③ Includes O-rings and cover gasket

CIRCULATION

Service
ManagerShop
ForemanNight
ForemanNight
ForemanInspector
LeadmanInspector
LeadmanInspector
LeadmanUnit Over-
haul RoomShop
Office

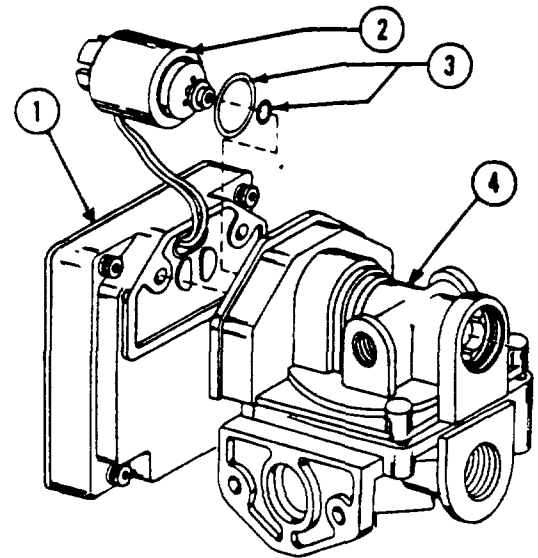


1. GROUND STRAP NUT - NEGATIVE GROUND UNIT
2. GROUND STRAP NUT - POSITIVE GROUND UNIT
FIGURE 3



1. SOLENOIDS
2. GASKET AND O-RINGS INCLUDED IN SOLENOID KIT
3. CONTROLLER
4. VALVE
5. 1/4 IN. SPADE TERMINALS (SOLENOID NO. 2)
6. 3/16 IN. SPADE TERMINAL (SOLENOID NO. 1)
FIGURE 4

B.F. GOODRICH VALVE/CONTROLLER ASSEMBLY SMN 35R



1. CONTROLLER
2. SOLENOID
3. O-RINGS
4. VALVE

FIGURE 5

BENDIX VALVE/CONTROLLER ASSEMBLY

Wheel speed pickup assemblies consist of the pickup, pickup gage blocks and mounting bracket. Gage blocks experience some wear during the initial operating period following a clearance adjustment. They must be replaced when the wear indicator grooves are no longer visible. The following parts list shows part numbers for the gage block service kit and the pickup. Bracket part numbers are not shown because they vary depending on the axle used. Consult chassis record for correct bracket part number.