

MV-1 MODUTROL ASSEMBLY

The MV-1 Modutrol assembly is used exclusively on Ford vehicles. It is an integrated air control module designed for vehicle dash mounting. The assembly is comprised of three (3) push-pull type valves and two (2) optional lever-type valves. All valves utilize a spool "insert" that are replaced from the front of the assembly without removal of the assembly or connecting air lines.

The optional lever-type valves may be used to control any on/off type auxiliary devices; such as, a sliding fifth wheel, inter-axle lockout, etc. One or both of the valves may be utilized; and if required, the non-functional spool insert pc. no. 101167, may be replaced by a functional spool insert at any time.

The MV-1 is serviced by replacement of the complete spool insert. Refer to chart for piece numbers. See back of page for additional service part information and port identification.

For complete service/maintenance information, see Service Data Sheet SD-03-70. weight 4.6 lbs.

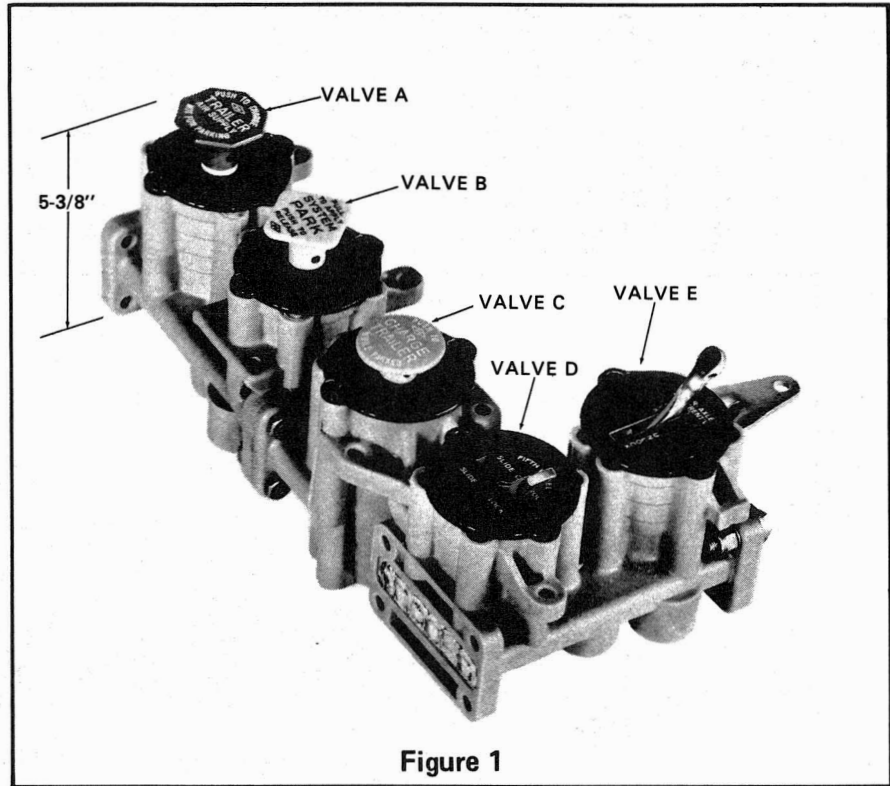


Figure 1

MV-1 SERVICE REPLACEMENT PARTS

PUSH-PULL TYPE VALVES

LEVER TYPE VALVES

VALVE	INSERT COMP. W/BUTTON	BUTTON ONLY	PIN ONLY	INSERT ONLY	VALVE	INSERT W/LEVER	DIAL PLATE	COMMENTS
A	101205	290655 (RED)	238379	101170	D,E (ON-OFF)	101204	SELECT FROM FIG. 3	----
B	101206	291142 (YELLOW)	238379	101170	D,E* (MOMENTARY)	101377	293208	USED IN MV-1 ASSY. 101277
C	101207	293215 (BLUE)	238379	101168	D,E (NON-FUNCTIONAL)	101167	238206	----

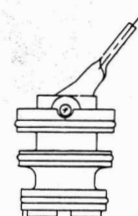
*MUST BE HELD IN APPLY POSITION



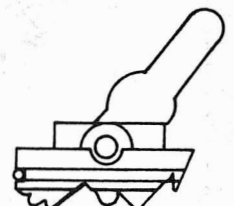
101205 101206
SPOOL & BUTTON ASSY.
PUSH-PULL CONTROL VALVE



101207
SPOOL & BUTTON ASSY.
PUSH-PULL CONTROL VALVE



101204
SPOOL & LEVER ASSY.
TWO WAY CONTROL VALVE



101377
MOMENTARY VALVE
SPOOL & LEVER ASSY.

SPOOL "INSERT" ASSEMBLIES

SUB-ASSEMBLY & ASSEMBLY REFERENCE

BENDIX PC. NO.	FORD PC. NO.	PUSH PULL SUB ASSEMBLY (VALVES A, B & C)	LEVER TYPE SUB ASSEMBLY (VALVES D & E)	VALVE D		VALVE E	
				DIAL	INSERT	DIAL	INSERT
101177	D7HT-2A622-CC	101175	101171	293208	101204	293207	101204
101178	D7HT-2A622-EC	101175	101173	293208	101204	293207	101204
101179	D7HT-2A622-BC	101175	101172	293208	101204	293206	101167
101180	D7HT-2A622-DC	101175	101174	293206	101167	293206	101167
101181	D7HT-2A622-FB	101175	101173	293206	101167	293210	101204
101182	D7HT-2A622-GB	101175	101171	293208	101204	293210	101204
101277	D8HS-2A622-BA	101175	101320	293208	101377	293206	101167

