



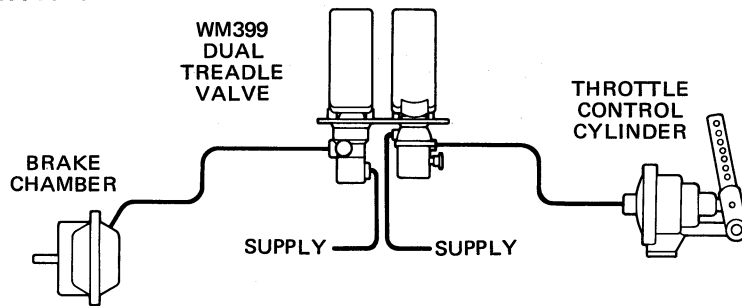
PRODUCT DESCRIPTION

DESCRIPTION The WM399 series valves are dual function pneumatic treadle valves. Each model combines a throttle control valve and a brake control valve in one compact unit. Both of the throttle and brake valves are three-way, compensating, pedal-actuated pressure regulators. Several models are available in the WM399 series with various output pressure ranges. Designed for convenient installation, the WM399 dual treadle valve is mounted through a single hole in the floor of the driver's compartment.

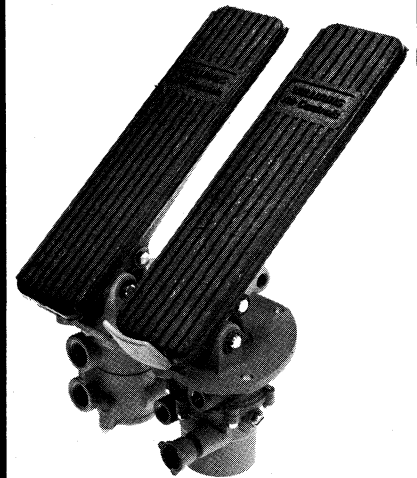
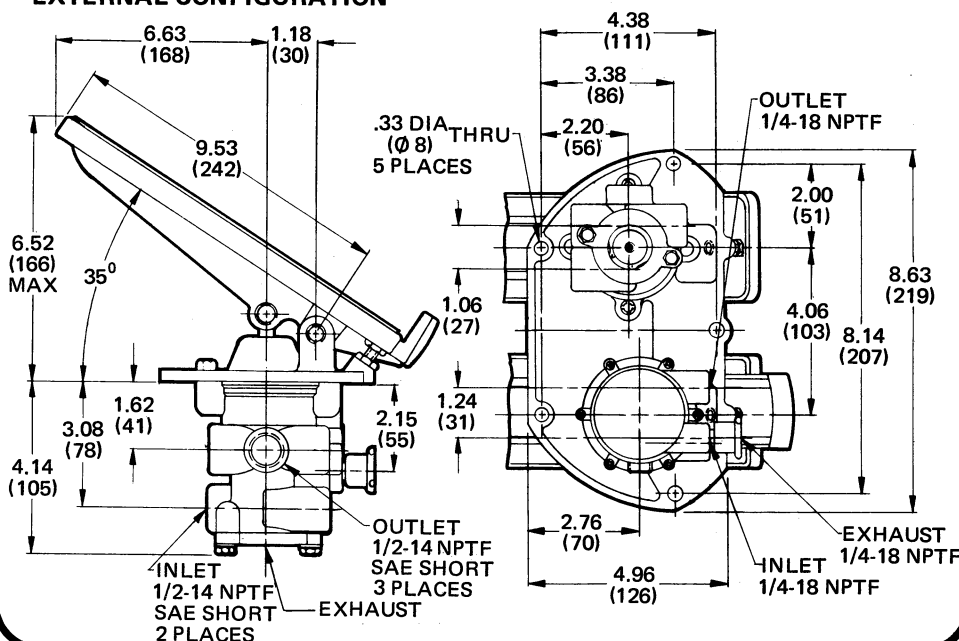
OPERATION Although the throttle and brake valves are mounted to a single plate, these valves operate independently. When the accelerator pedal is depressed, the throttle regulator delivers pressure to the throttle control cylinder. When released, the throttle pedal returns to the rest position, and the valve exhausts any outlet pressure through the WM111A exhaust breather. The brake control valve functions in a similar fashion; the brake pedal is applied to deliver pressure to the brake cylinders. When the brake pedal is released, outlet pressure escapes to the atmosphere through the valve's exhaust vent.

APPLICATION The WM399 series dual treadle valves are used in industrial and vehicular applications where dual function, pedal-actuated valves are required. Since they mount conveniently in a single hole in the floor, these valves are frequently used when space and ease of installation are important considerations. The WM399 series treadle valves do not conform to FMVSS-124.

TYPICAL INSTALLATION

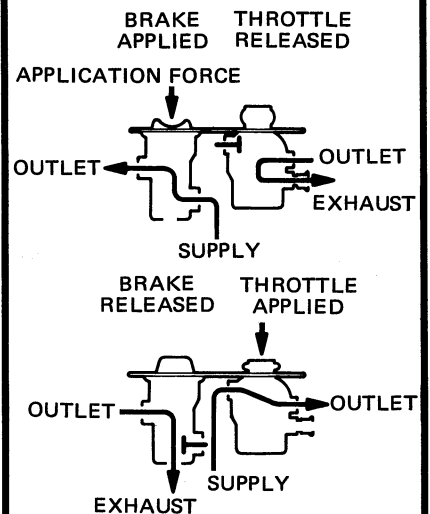


EXTERNAL CONFIGURATION



DUAL TREADLE BRAKE/THROTTLE VALVE

FUNCTIONAL DIAGRAM



I.S.O. SYMBOL

