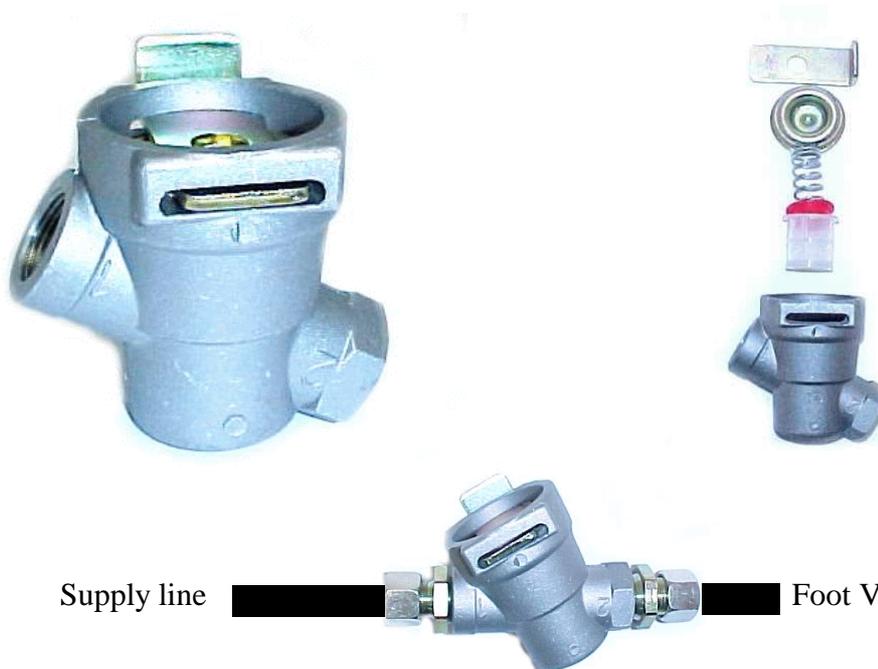


Recurring Treadle Valve Leakages

A common cause of recurring leaking foot valves on Japanese trucks is rust in the steel brake lines - rust from the steel air lines enters the foot valve and becomes lodged under the poppet seal inside the valve. This then holds the poppet off it's seat and creates a leak.

There are two primary solutions to this problem :

- 1 Replace the defective steel lines with nylon - time consuming and expensive.
- 2 Fit line filters into the supply lines as close as possible to the foot valve - these are small valves that contain a removable gauze basket that prevents the rust particles from entering the foot valve. These filters have a fail-safe design that will prevent pressure loss in the event of excessive contamination (ie blockage)



For each supply line, 1 valve, 2 stud couplings and 2 sealing washers are required. Below is a list of commonly used fittings with relative pipe diameters and thread sizes.

- | | |
|---------|---|
| WV5950A | Line filter valve (M22 x 1.5mm ports) |
| AS0119* | Stud coupling - 10mm Nylon or steel air line to M22 x 1.5mm port thread |
| AS0113* | Stud coupling - 12mm Nylon or steel air line to M22 x 1.5mm port thread |
| AS0042* | Thread adaptor - M22 x 1.5mm Male x 1/2" gas |
| AS0041* | Thread adaptor - M22 x 1.5mm Male x 3/8" gas |
| AS0022 | Sealing washer - M22 |

* select appropriate coupling or thread adaptor to suit requirements