

**SAF Tyre Pilot System - Setting automatic inflation pressure**

SAF-HOLLAND has recently become aware that some installers of the SAF-HOLLAND Tyre Pilot system are not correctly setting the automatic inflation pressure level for dual tyre applications. SAF-HOLLAND would like to remind all installers of the need to ensure that the inflation pressure is correctly set at the time of trailer commissioning.

**Background**

The Tyre Pilot inflation pressure is pre-set from factory at 9.1 bar (approx. 130 psi). That level is suitable for most single tyre applications, but may be too high for dual-tyre applications. Refer to the tyre manufacturer for advice regarding the optimal pressure for each specific application.

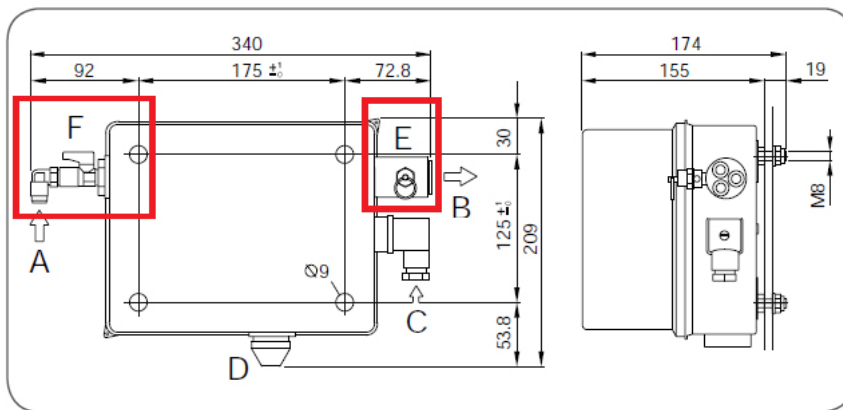
**Procedure for setting inflation pressure**

The procedure for installing and commissioning Tyre Pilot systems is detailed in the Owners’ Manual, which is supplied with the Tyre Pilot system.

The Owner’s Manual must be used as the primary reference for installing and commissioning the system – this Service Bulletin does not replace it. This Service Bulletin is intended only to reaffirm the need to correctly set the automatic inflation pressure level.

As the Tyre Pilot is a pressurised system, it is critical that all safety warnings described in the Owner’s Manual are observed when performing service work. Specifically:

- always wear safety goggles when carrying out work on the system
- always rotate the shut-off valve before commencing work on the system or the wheel ends, and release air at the overpressure safety valve, as shown below.

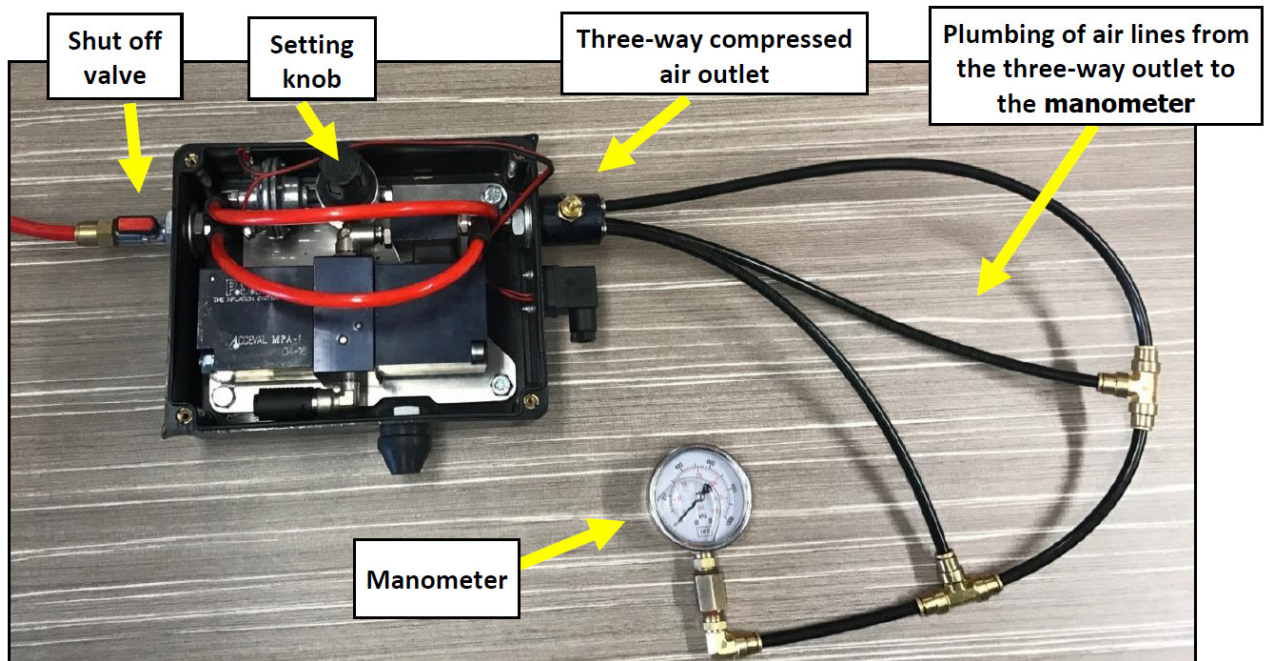


Item	Description
E	Overpressure safety valve
F	Shut-off valve

The procedure for setting the inflation pressure is described in full in Section 7 of the Owners’ Manual (pages 56-59). In summary, it involves:

- fitting a manometer to the air outlet of the system
- pressurising the system and reading the value on the manometer
- manually adjusting the outlet pressure via the setting knob until the manometer reads between 0.1 and 0.2 bar (approx. 1.5 – 3 psi) above the desired tyre inflation pressure.

An annotated photograph to aid in interpretation of the Owner's Manual instructions is provided below.



### Notes on manometer connection

The procedure on Page 57 of the Owner's Manual recommends that the manometer be connected to one of the outlets of the three-way compressed air outlet. That method also requires the two remaining outlets of the three-way compressed air outlet to be sealed or otherwise bypassed.

The above photograph shows one method of achieving this, where each of the three outlets are plumbed into the single line connected to the manometer.

### Manometer type and availability

The manometer must have a pressure range and scale gradations to allow the output pressure to be correctly read and set to within 1.5 – 3 psi above the desired tyre inflation pressure.

Manometers should be purchased with push-to-connect fittings to accommodate the diameter of the air hoses supplied with the kit (8 mm).

These manometers and fittings are readily available from local and online retailers.



To obtain an electronic copy of the Owner's Manual, please contact SAF-HOLLAND via e-mail on [service@safholland.com.au](mailto:service@safholland.com.au)

For further advice and assistance, please contact SAF-HOLLAND via e-mail on [service@safholland.com.au](mailto:service@safholland.com.au) or via phone on (03) 9971 7900