

## Introduction

Parker offers a line of specialty-type adapters specifically designed for diagnostic, fixed flow control and bleeding applications.

Diagnostic products consist of a line of in-line diagnostic tees, pressure gauge connectors and diagnostic tips. These products have been developed to work in conjunction with electronic diagnostic products available from Parker's Quick Coupling Division and other mechanical pressure and temperature sensing equipment. Some products can be used for fluid sampling and bleeding purposes as well.

Parker offers a standard and custom line of fixed flow control orifice fittings. These products are available as standard in two Parker product series — ORFS and 37° flare, and as a custom option in virtually any orifice size, fitting series, size, material and configuration.

Parker's bleed adapters are designed to remove entrapped air from a hydraulic system. A common problem in hydraulic systems is trapped air and the subsequent spillage of hydraulic oil while removing components to bleed air from lines under pressure. Parker's bleed adapters provide a quick, clean, and simple method of bleeding entrapped air from hydraulic systems.

Lastly, Parker offers a limited line of PTT (Parker Triple Thread) 30° flare adapters for transportation markets.

## Diagnostic Fittings and Adapters

### In-Line Diagnostic Tees

#### Features

- Designed around the two most common hydraulic tube/hose interfaces: ORFS (Seal-Lok) and 37° flare (JIC / Triple-Lok) (see A)
- ORFS and 37° flare swivel feature offers unlimited positioning without displacing port adapter (see B)
- Uses elastomeric sealing: SAE -4 (7/16-20 UNF) port as universal diagnostic port per SAE J1926-1 / ISO 11926 (see C)
- Enlarged and lengthened body hex ensures that diagnostic port offers full thread engagement and pressure capability (see D)
- Adaptable to Parker's line of diagnostic and fluid sampling tips including: EMA3, PD and PDFS, as well as various direct connecting electronic/mechanical pressure gauges\*
- Designed to complement Parker's line of Senso-Control® electronic diagnostic equipment



Fig. N1 — Parker offers a full line of diagnostic, orifice, bleed adapters and specialty fittings

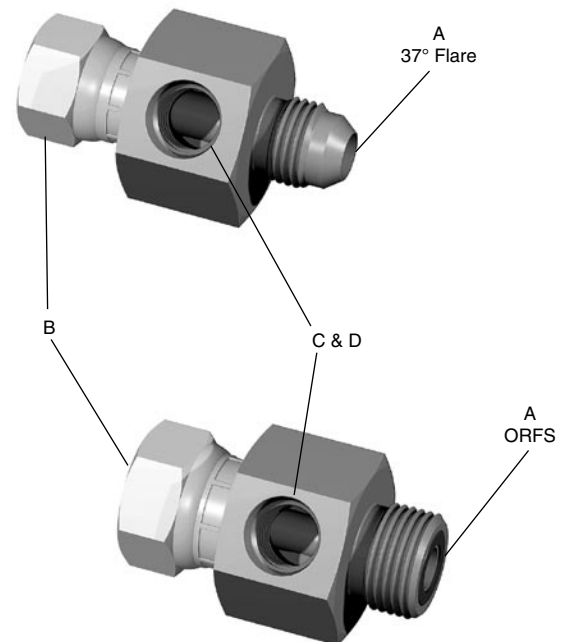


Fig. N2 — Parker's XHX6G5TP (top) and LOHL6G5TP (bottom) in-line diagnostic tees

\*Diagnostic and sampling tips EMA3, PD and PDFS series are available from Parker's Quick Coupling Division (tel. 763-544-7781 and/or [www.parker.com/quickcouplings](http://www.parker.com/quickcouplings))