

Tandem coupling VP1-045/-060/-075

The VP1 pump has a through-shaft which means that an additional pump, such as a VP1 or other Truck pumps/Pumps can be installed in tandem with the VP1 by means of an adaptor kit (fig. 7).

NOTE:

The bending moment caused by the weight of a tandem assembly normally exceeds that allowed by the PTO.

To prevent damage, the auxiliary pump should be supported by a bracket attached to the gearbox; it must **not** be fastened to the truck chassis.

Likewise, when the tandem assembly is installed on a separate bracket and driven by a cardan shaft, the auxiliary pump should have a support attached to the pump bracket.

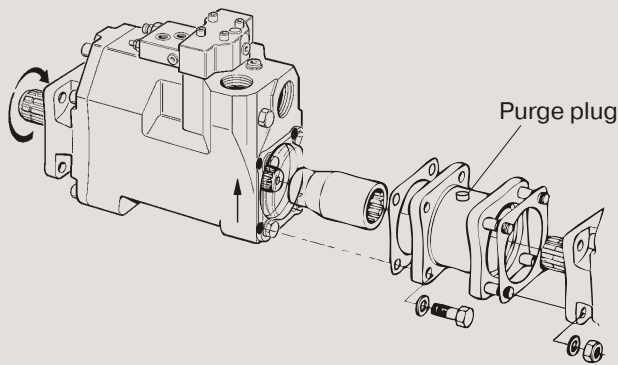


Fig. 7 Adaptor kit (P/N 379 7795) for tandem coupling.

IMPORTANT:

Contact Parker Hannifin for additional information when considering tandem mounting a second VP1 pump. The maximum torque that can be transmitted through the first pump VP1-045/-060/-075 in tandem is 420 Nm.

Installation information tandem coupling

1. The pump must be filled with oil and then purged before start-up.
2. Adaptor between the pumps shall be mounted with the purge plug pointing upwards, fill and purge the adaptor with oil.
3. When using VP1 pumps in Tandem set the standby pressure on the controls with a difference of 5 Bar (Example 27 bar on Pump1 and 32 bar on pump 2).