

The Spinner II TR Series Oil Cleaning Centrifuge is applied as a lube oil bypass filter. Under no circumstances is the full-flow filter to be removed from the circuit at installation of the centrifuge.

Oil pressure in the lube circuit of the transmission is at a level in excess of the pressure required for optimum performance of the standard Model 76 centrifuge. The addition of the inlet orifice fitting is made to control this higher pressure, reducing it to a level that provides the best centrifuge performance for all transmission operating conditions. Under no circumstances should this inlet orifice be modified or permanently removed.

Oil supply is obtained from the same remote mounted circuit that supplies the full-flow filter (fitting at transmission is #16 SAE O-ring style). Lube oil return is to the transmission pan (fitting is 3/4" NPT), as shown.

Allison V Series Angle Drive Powershift Transmission

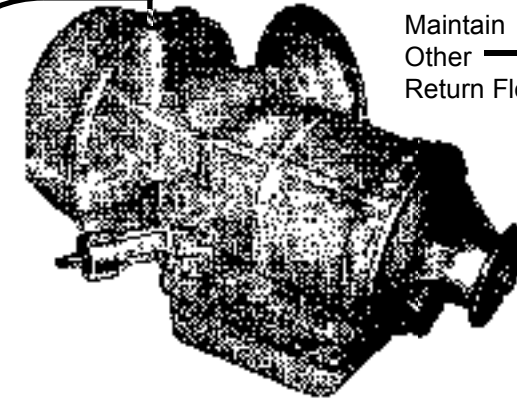
RETURN PORT



SUPPLY PORT

To full-flow filter

Maintain Other Return Flows

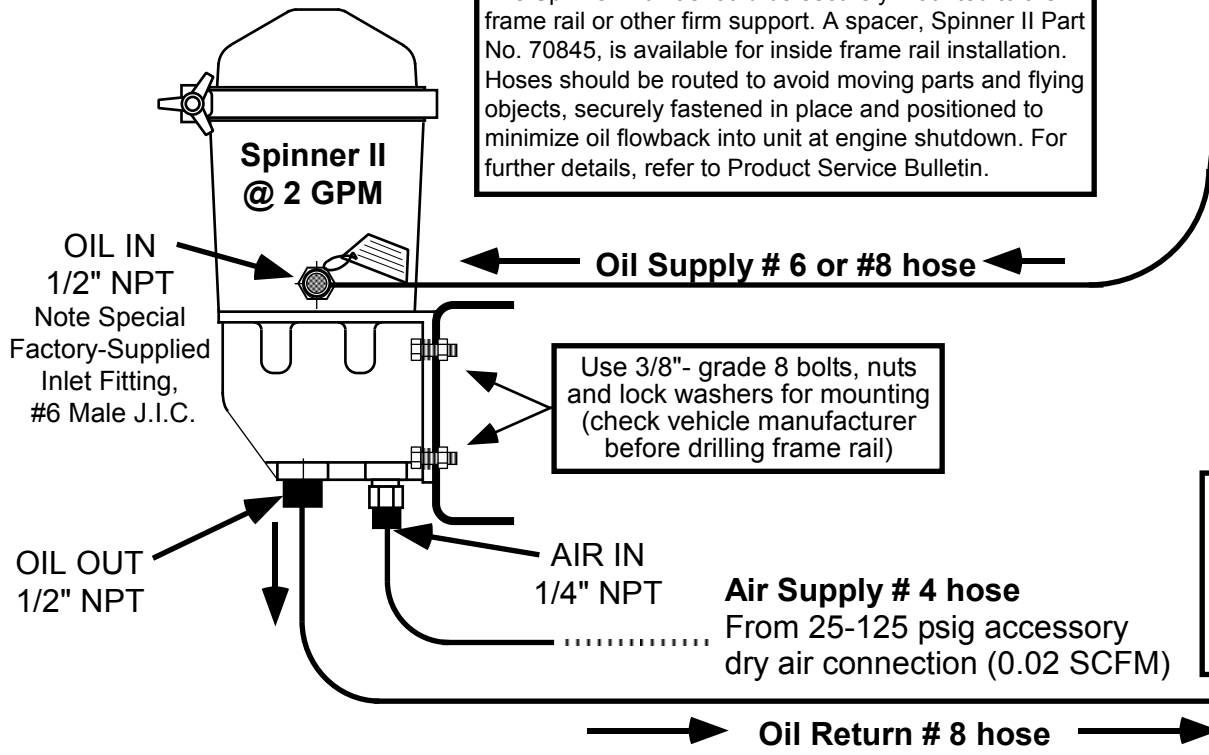


To the best of our knowledge, this information is accurate and will provide safe and efficient operation of both the Spinner II centrifuge and the transmission. Transmissions, their design and options are subject to change. If you experience any problems with installation or operation, please contact our customer service department, at the following phone number: 800-231-7746 (713-682-3651)

Caution: no valves may be installed in this line

The Spinner II unit should be securely mounted to the frame rail or other firm support. A spacer, Spinner II Part No. 70845, is available for inside frame rail installation. Hoses should be routed to avoid moving parts and flying objects, securely fastened in place and positioned to minimize oil flowback into unit at engine shutdown. For further details, refer to Product Service Bulletin.

Use 3/8"- grade 8 bolts, nuts and lock washers for mounting (check vehicle manufacturer before drilling frame rail)



INSTALLATION BULLETIN

SPINNER II
 ©Spinner II Products / T. F. Hudgins, Incorporated
 Houston, Texas 77292-0946

1	Update to SE arrangement	2 Apr 1993	sr
rev	change	date	by
Installation of Spinner Centrifuge on V Series Allison Transmissions			
project	date © 3 Oct 91	dwg	A1-4506-1

drawn sr	checked	approved
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