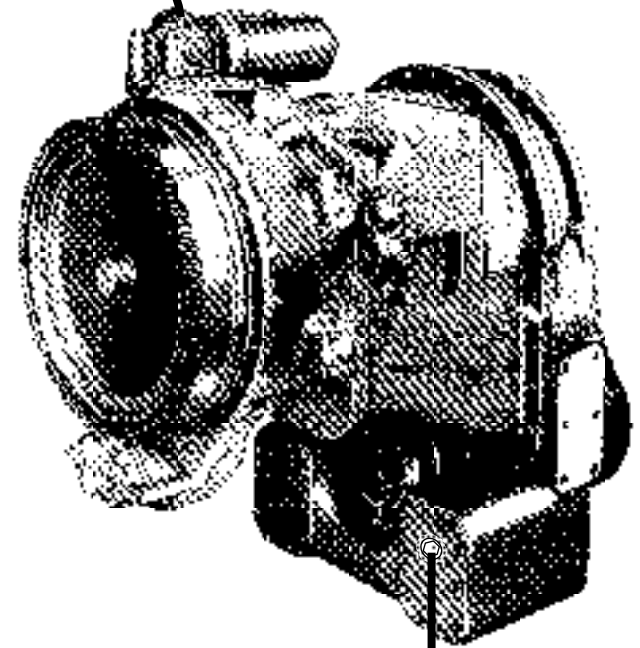


The Spinner II Oil Cleaning Centrifuge may be applied to the Allison 5633 (and related) Powershift Transmissions as a bypass filtration device. Under no conditions should the full-flow cartridge filters be permanently removed from the transmission, and no other bypass filter may be used when the centrifuge is applied. Similar installation practice may be applied to the Allison 5643.

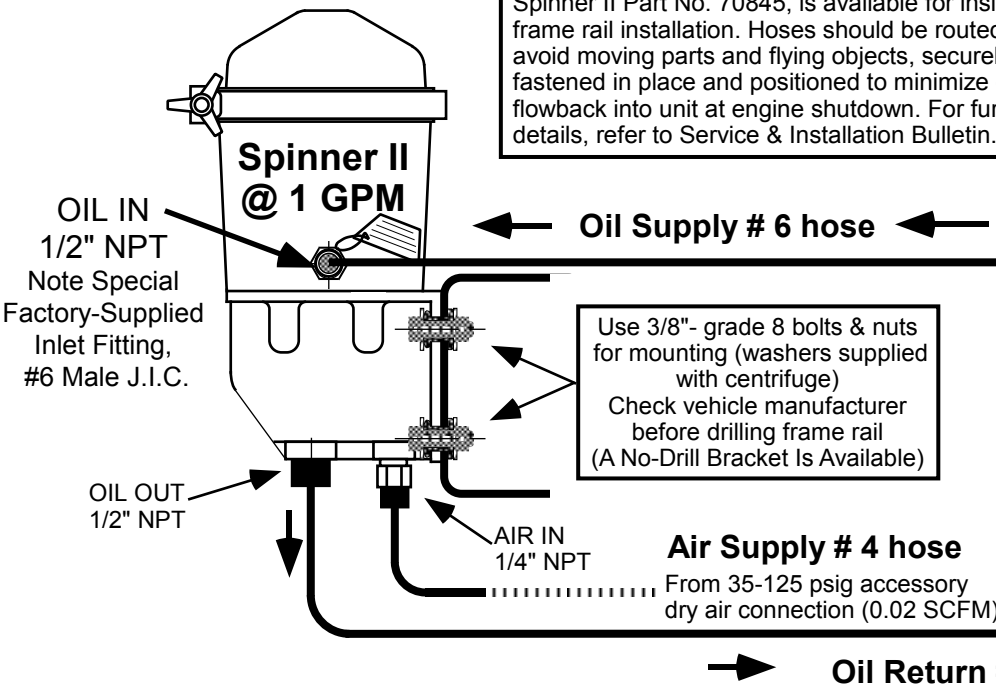
Oil supply should be obtained from the main pressure regulator shown, using a "T" placed in the 1/4" NPTF port, to retain a pressure read point. A special orifice fitting is required with use of this supply point, and can be purchased from Spinner II products, and installed into the centrifuge inlet.

Oil return to the transmission sump can be made into the inspection cover as shown, with the use of a brazed fitting or by drilling and tapping the cover to accept a hose adapter. Other sump return points are acceptable; it is preferred to locate a sump drain above the free oil level.

Allison 5633 Powershift Transmission



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 Service & Installation Bulletin.



Use 3/8"- grade 8 bolts & nuts for mounting (washers supplied with centrifuge)
Check vehicle manufacturer before drilling frame rail (A No-Drill Bracket Is Available)

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 and options are subject to change. If you experience any problems with installation or operation, please contact your Spinner II Distributor or call our customer service department, at the following toll-free phone number: 800-231-7746.

INSTALLATION BULLETIN

SPINNER II

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

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Spinner II Installation on Allison 5633 PST			