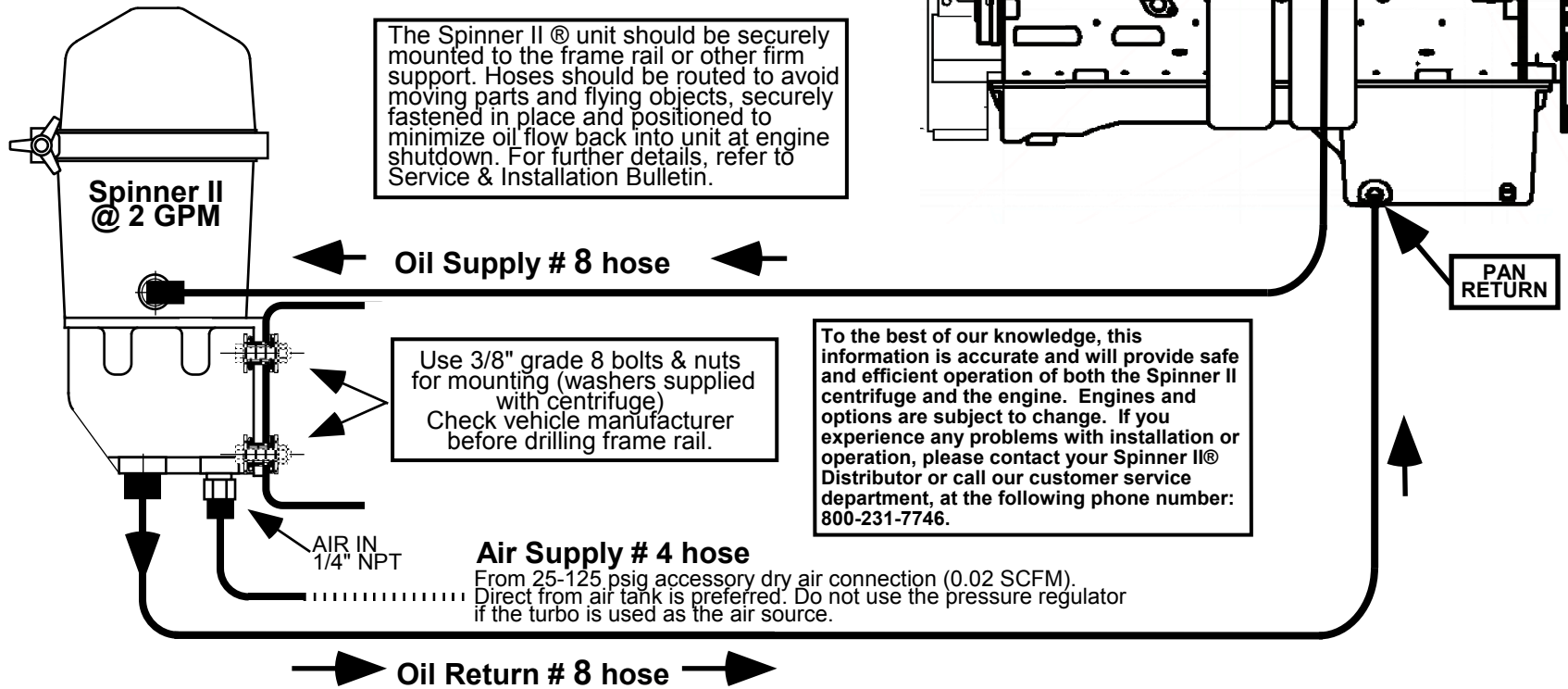
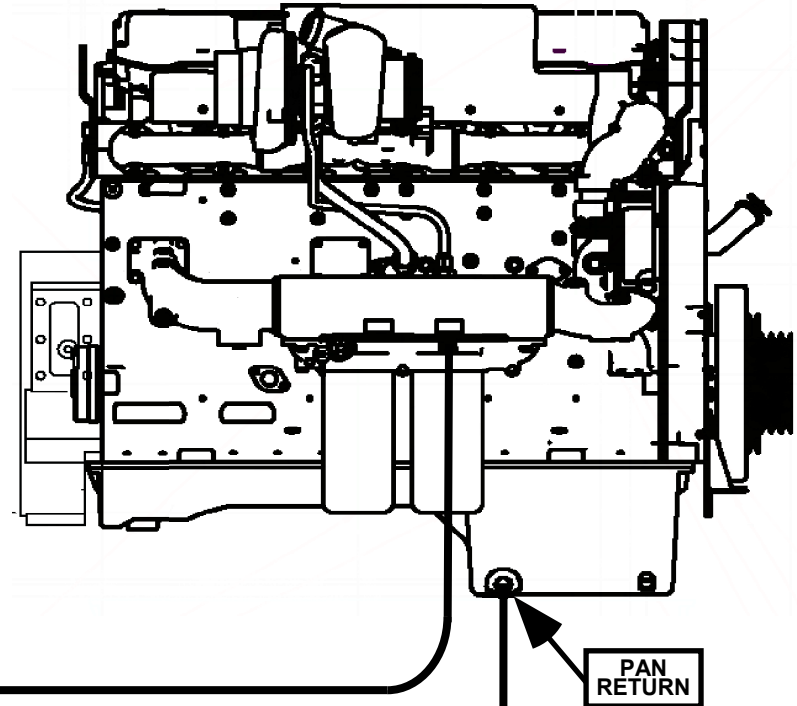


Current production Caterpillar C18 diesel engines are produced with spin-on full-flow filters, and can be factory-equipped with bypass filters. If a bypass filter has been installed, it must be removed from the engine prior to installation of the Spinner II Centrifuge, and ports other than those identified in this bulletin must be plugged.

The Cat® C18 engine has a convenient fitting for lube oil supply for the Spinner II centrifuge located on the right hand side just above the right spin-on filter. This plug (9/16"-18) should be removed and replaced by a straight thread O-ring to JIC 37° adapter fitting (Weatherhead® C5315x8x6 or equivalent).

The best return point on the engine is either oil pan drain plug, one located on each side (driver and passenger). This drain plug is a 1 1/16-12 BOSS O-ring fitting. Use Aeroquip adapter bushing 2216-8-12S. This will allow for a 1/2" X #8 hose connection. Use elbow or straight connection.

### Caterpillar C18 ACERT Engine



The Spinner II® unit should be securely mounted to the frame rail or other firm support. Hoses should be routed to avoid moving parts and flying objects, securely fastened in place and positioned to minimize oil flow back 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.

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 engine. Engines 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 phone number: 800-231-7746.

**Air Supply # 4 hose**  
From 25-125 psig accessory dry air connection (0.02 SCFM). Direct from air tank is preferred. Do not use the pressure regulator if the turbo is used as the air source.

# INSTALLATION BULLETIN

## SPINNER II®

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

drawn CRB checked CRB approved

rev date change by

### Spinner II® Centrifuge Installation on Caterpillar C18 ACERT Engine

project date © 01 Jul. 2009 dwg **A1-6459-0**