

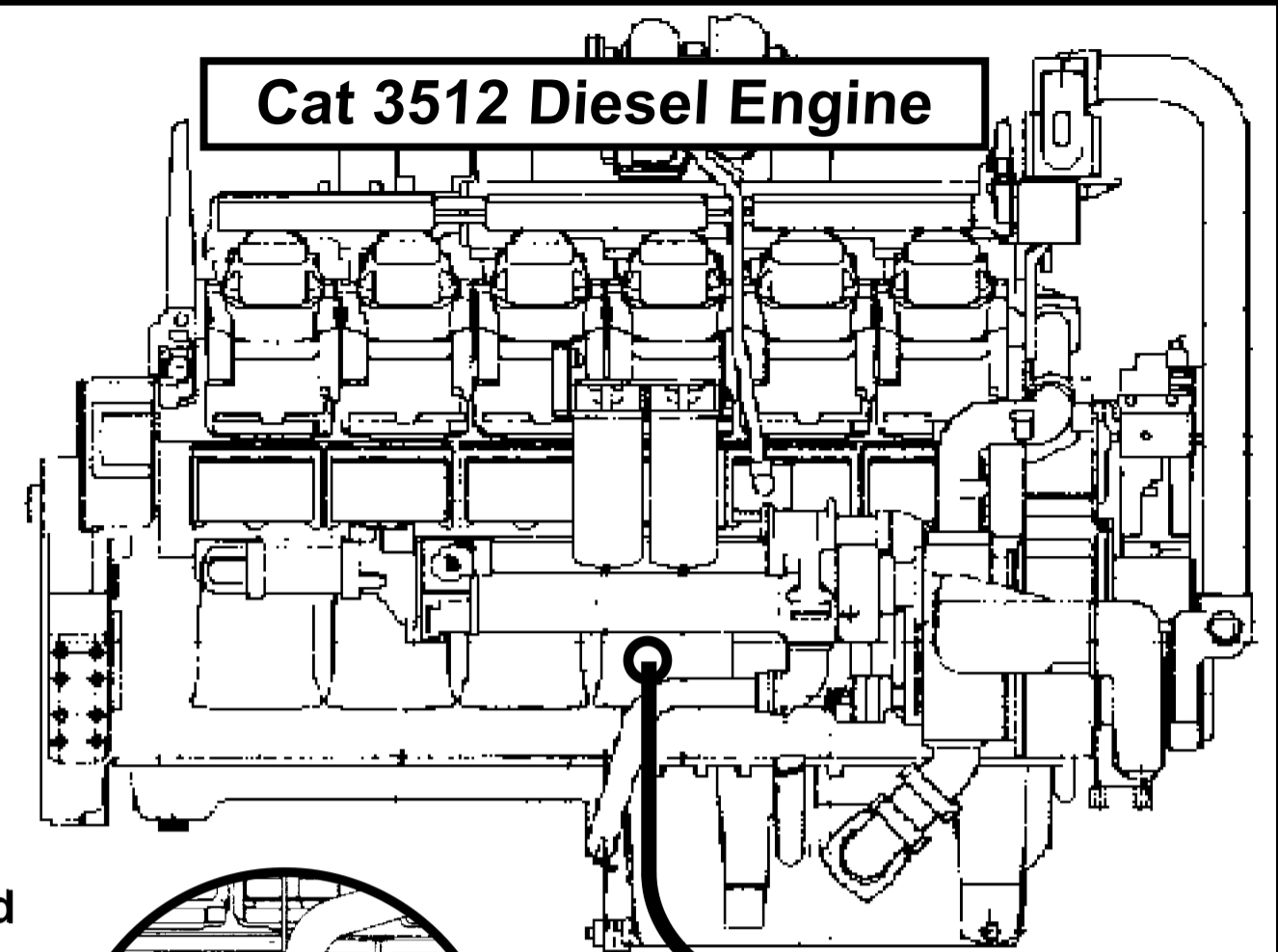
Current production Caterpillar 3512 diesel engines are produced with full-flow filters, but are not factory-equipped with bypass filters. If a bypass filter has been installed, it must be removed from the engine prior to installation of the Spinner II Centrifuge, and ports other than those identified in this bulletin must be plugged.

In some cases, this engine may be configured with element style full-flow filters installed inside a canister-style front-mounted housing. In either case, lube oil supply for the Spinner II unit is **best** made by connecting to an unused port on the cooler bypass valve (see preferred ports inset). Depending on the engine arrangement, oil is ported from the

bottom or the top of the valve. Select other port flange cover as the supply point (flange PN 4W5596 on bottom and flange PN 4B3140 on back); drill & tap a port into the flange.

Connect the Spinner II lube oil return port to a convenient pan fitting, above the normal lube oil level if possible. In some cases, there will be a 1" NPT fitting (Cat 3B0551) at either end of the pan. In other cases, a dipstick port cover (Cat 4N0996 or 4B3140) may be adapted. Another practical alternative is to drill and tap a crankshaft access door cover to accept a return line connection. Insure adequate clean-up of parts after any machining.

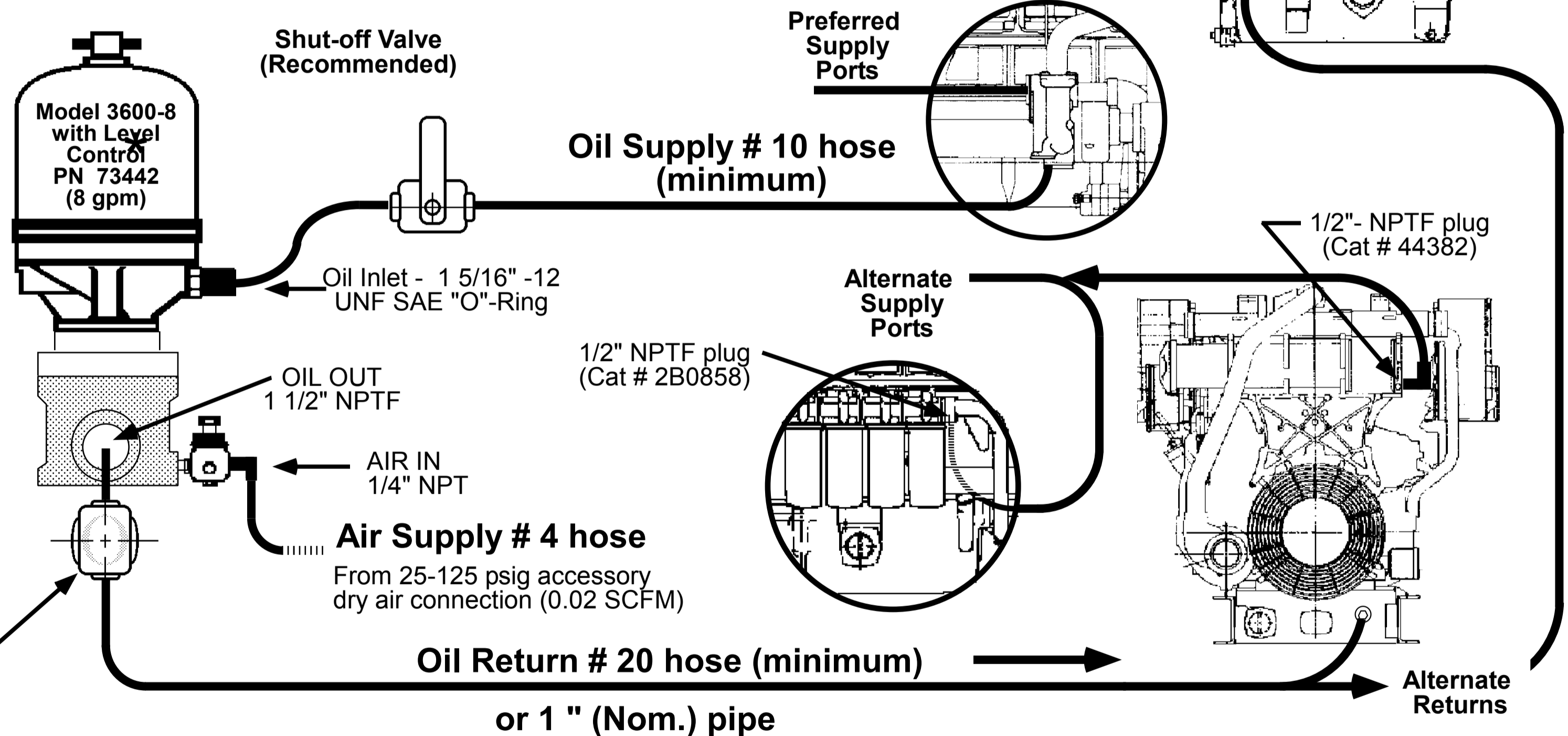
Refer to Service and Installation Instructions Bulletin # 73360.



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 (713-682-3651)

The Spinner II Model 3600 Centrifuge must **never** have a shut-off valve installed in the return line.

To prevent back flow during service of below-oil-level return locations, a 1" swing check valve may be installed.



4	15 June 2011	Applied Model 3600-8	crb
3	13 Feb 1997	Applied Model 600HD-8	sr
rev	date	change	by

Spinner II Centrifuge Model 3600-8 Installation on Cat 3512 Diesel Engine

drawn SAR	checked	approved	project	date © 30 Dec 88	dag	A-4099-4
--------------	---------	----------	---------	---------------------	-----	-----------------

INSTALLATION
BULLETIN

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