

DDC 12V & 16V 149 Series diesel engines are produced with spin-on style 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.

Lube oil supply for the Spinner II unit is made available by a separate port for each unit:

All 12V and Early Versions of 16V - connect Model 3600-HD (8 GPM) to each of two 1/2" NPT ports on top of the filter head or if the filter is a canister style, in housing drain

All Versions & Recent 16V's - see block diagram: locate oil supply port blocked with 3/8" NPT plug, on block side opposite from filter installation. This supply point is less preferred than a filter head port.

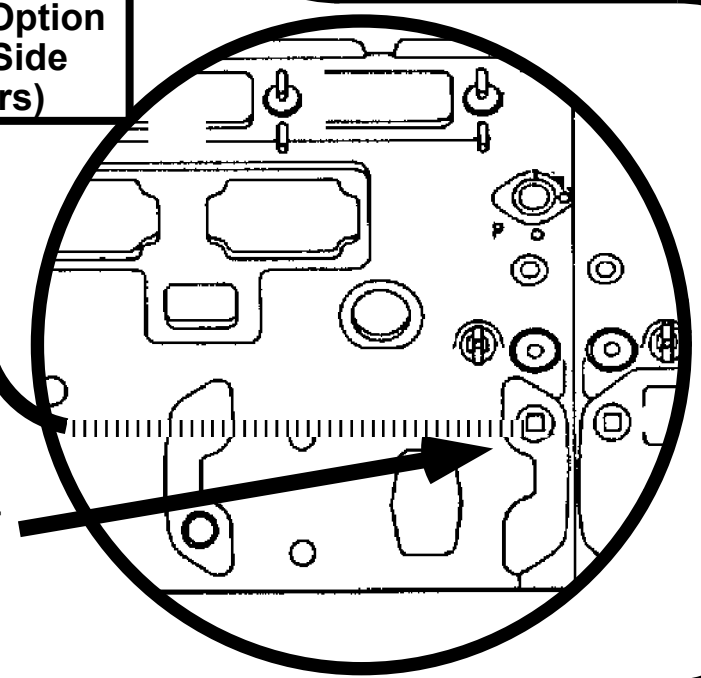
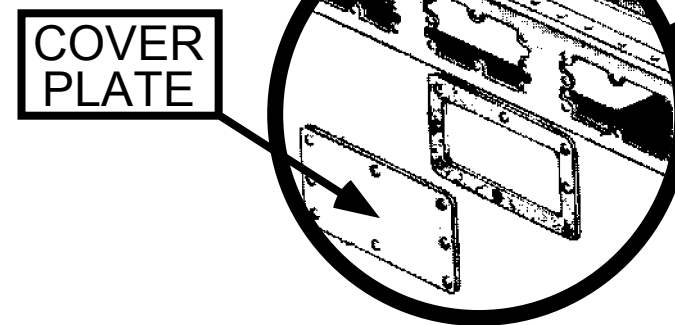
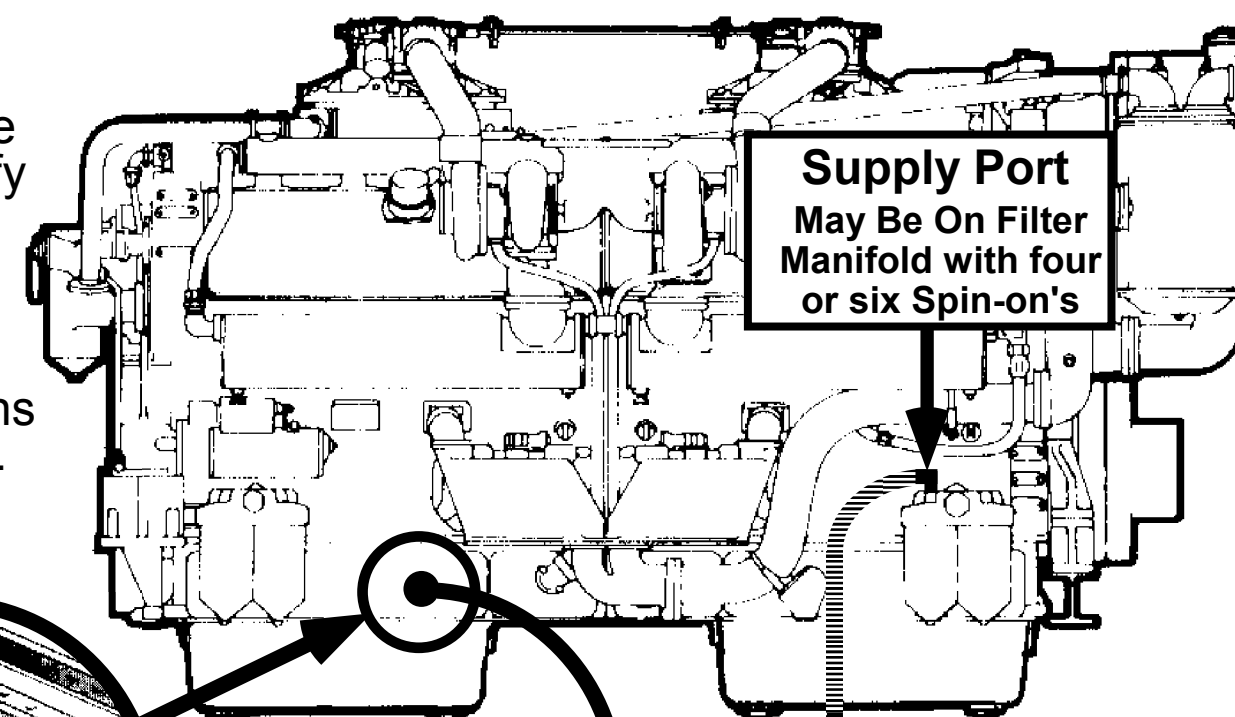
If 3/8" NPT supply ports are used, two of them must be T'd together for oil feed to centrifuge; any single port chosen as supply must be minimum 1/2" NPT or larger.

Lube oil return from the Spinner II units should be routed to a convenient hand-hole cover plate at the bottom of the block above the pan. Modify cover to accept a return line connection.

Insure adequate clean-up of parts after any machining.

Refer also to Service and Installation Instructions Bulletin # 73360 for guidance on fittings & lines.

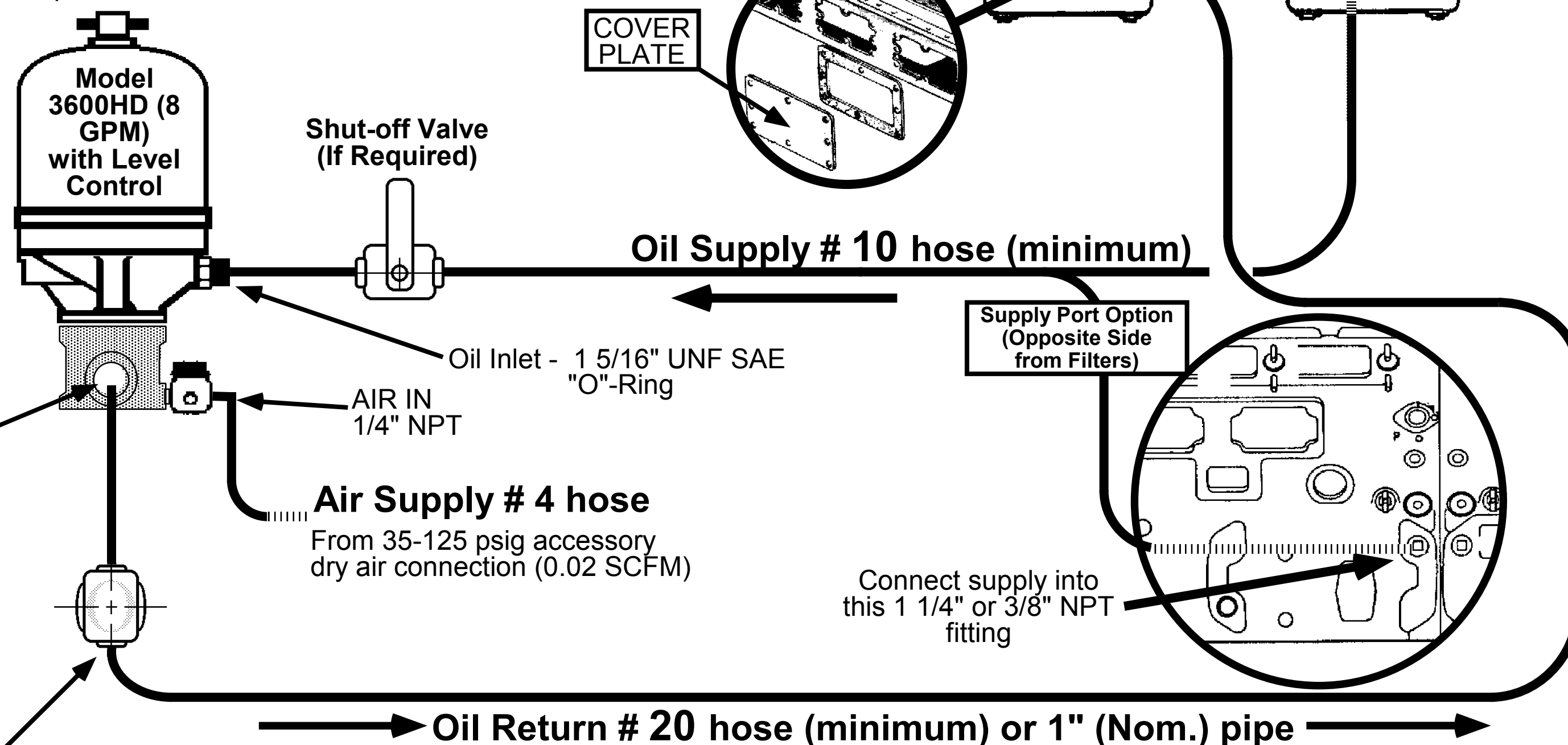
DDC 12V / 16V149 Series Diesel



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 (TX:713-682-3651)

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

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



1	9 Sept 2003	Use M 3600-8 HD instead	EKH
rev	date	change	by

INSTALLATION BULLETIN

SPINNER II

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

Spinner II Centrifuge Model 3600- HD Installation on DDC 12V & 16V149 Series Diesel Engines

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