

The Cummins Big Cam I + II engine were factory-equipped with an element-style full-flow and typically a remote-mounted LF750 bypass filter cartridge element as standard equipment.

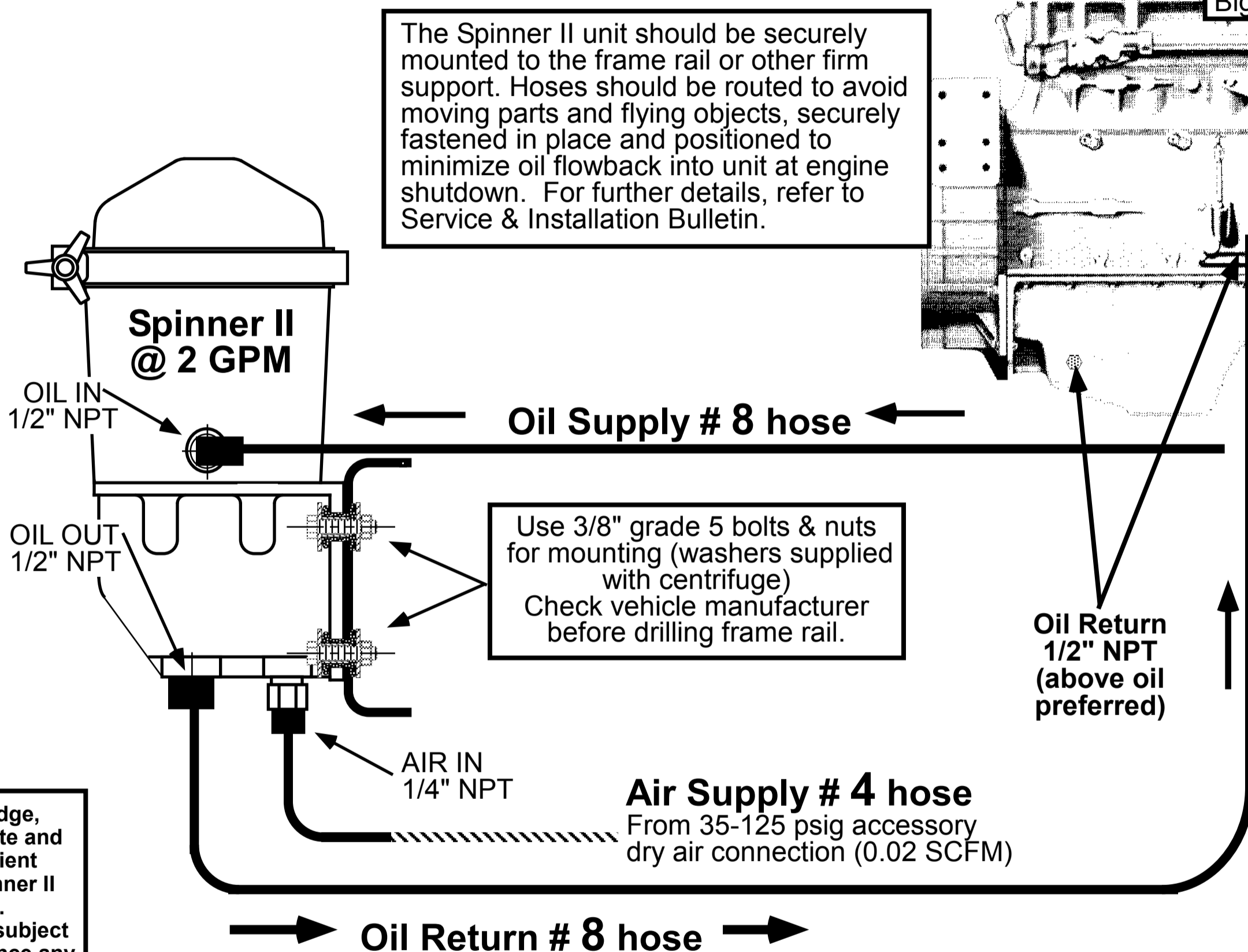
Cummins permits up to 2 GPM oil flow for accessory requirements. The pipe thread port on the on back of the lube oil pump (left side of engine) should be used for the Spinner II centrifuge supply as shown (preferred option #1). Another port, on the side of the pump is also available, but requires the use of a metric adapter fitting (option #2). *Big Cam 1 Engines Only:* supply port, as shown, may be used.

Return oil into the crankcase access door or into 1/2" NPT port (or larger) on pan; the turbo drain port may also be used by installing a "T".

VERY IMPORTANT: if your Big Cam I and Big Cam II engine is equipped with an LF 750 (or equal) bypass filter and canister, the canister and its nearly 3 gallons of lube oil *must* be retained when the centrifuge is installed, but the filter should be discarded.

Alternative 9 gallon pans are available that eliminate the need to retain the bypass filter filter canister. Do *not* supply or return oil to the centrifuge through the existing lines of this remote-mounted bypass filter.

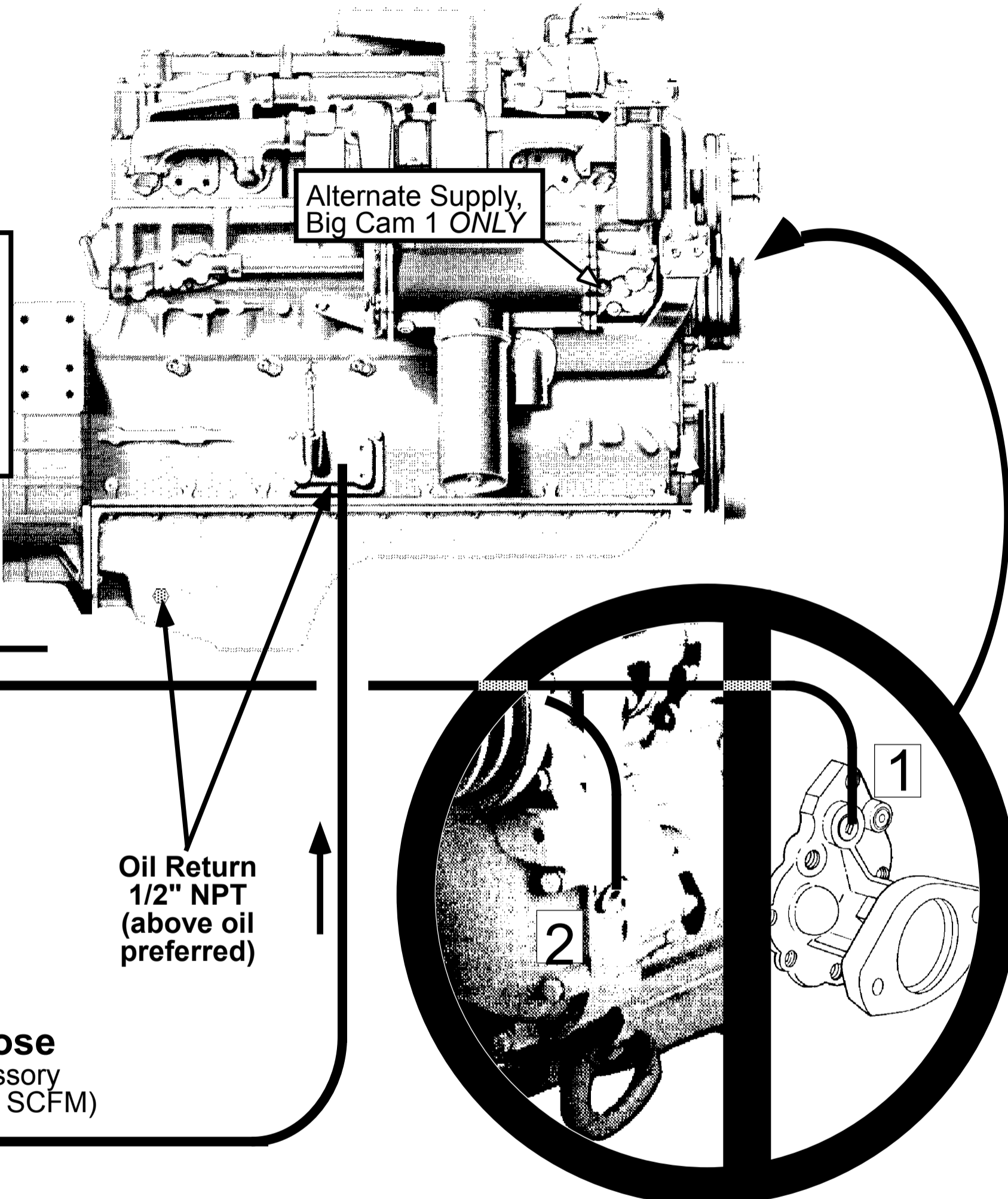
To the best of our knowledge, this information is accurate and will provide safe and efficient operation of both the Spinner II centrifuge and the engine. Engines and options are subject to change. If you experience any problems with installation or operation, please contact your Spinner II Distributor or call our customer service department, at the following toll-free phone number: 800-231-7746.



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 flowback into unit at engine shutdown. For further details, refer to Service & Installation Bulletin.

Use 3/8" grade 5 bolts & nuts for mounting (washers supplied with centrifuge)
Check vehicle manufacturer before drilling frame rail.

Cummins Big Cam I and II Engine



Supply Fittings for Pump Ports

Supply Fitting	Description	Typical Source
1	3/8" NPT to #8 - 45° Flare Adapter	Aeroquip #2000-6-8B
2	22mm x 1.5mm to #8 Flare Adapter, 90° Elbow	Voss JM 08-22-90

INSTALLATION BULLETIN

SPINNER II

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Houston, Texas 77292-0946

rev date change by

Spinner II SE Centrifuge Installation on Cummins Big Cam I and II Engines

drawn sr checked approved project date © 30 Jul 92 dwg **A1-4680-0**