

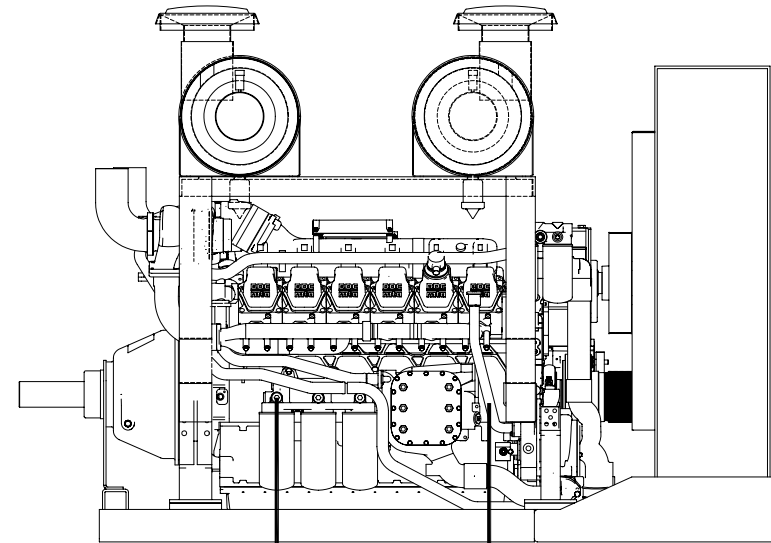
DDC 12V SERIES DIESEL ENGINES ARE PRODUCED WITH SPIN-ON STYLE FULL FLOW FILTERS, BUT ARE NOT FACTORY-EQUIPPED WITH BYPASS FILTERS. IF A BYPASS FILTER HAS BEEN INSTALLED, IT MUST BE REMOVED FROM THE ENGINE PRIOR TO INSTALLATION OF THE SPINNER II CENTRIFUGE, AND PORTS OTHER THAN THOSE IDENTIFIED IN THIS BULLETIN MUST BE PLUGGED.

SUPPLY - CONNECT THE INLET OF THE SPINNER II CENTRIFUGED TO ONE OF THE THREE M33 METRIC CONNECTIONS IN THE TOP OF THE FILTER HEAD. LOCATED TOWARD THE REAR OF THE RIGHT SIDE OF THE ENGINE. (PARKER FITTING P/N 16M33F80MX-S) HOSE SIZE SHOULD BE 1".

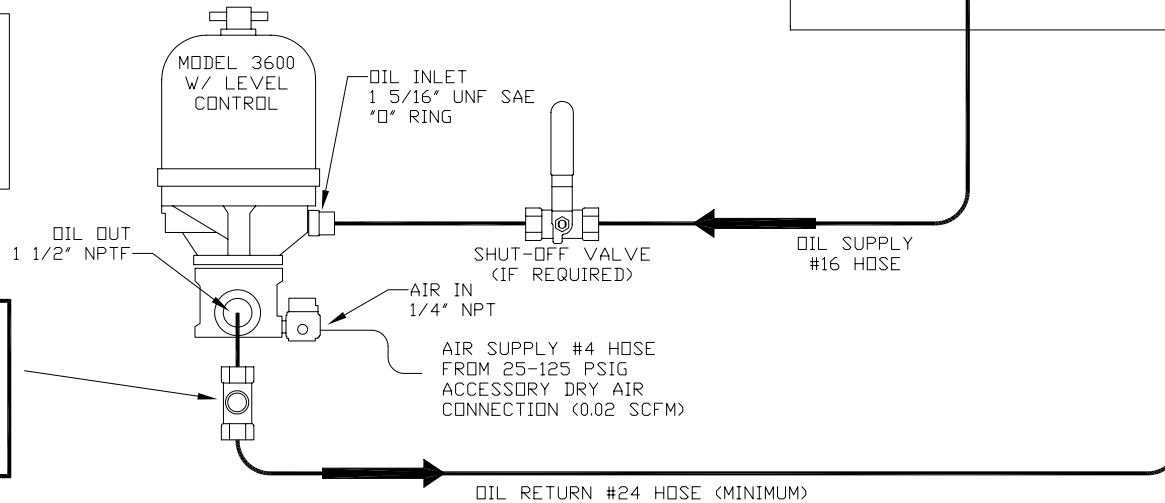
RETURN - THE RETURN LINE OF THE SPINNER II CENTRIFUGE SHOULD BE 1 1/2" MINIMUM AND CONNECT TO A 1 1/2" NPT FITTING WELDED IN THE OIL FILL TUBE LOCATED TOWARD THE FRONT RIGHT SIDE OF THE ENGINE.

NO RESTRICTIONS IN DRAIN LINE ARE ALLOWED.

DDC 12V-2000



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 600 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.

INSTALLATION BULLETIN

SPINNER II
 SPINNER II PRODUCTS / T.F. HUDGINS, INCORPORATED
 HOUSTON, TEXAS 77292-0946

DRAWN TB CHECKED APPROVED

| REV | CHANGE | DATE | BY |
|-----------------------|--------|---------|----|
| SPINNER II MODEL 3600 | | | |
| DDC 12-2000 | | | |
| PROJECT | DATE | DWG | |
| | 7/6/04 | A1-6421 | |