

**SPINNER II® Installation Notes**

**ENGINE:** Caterpillar D353

**Spinner II Product:** Model 200

**Supply Location:** Preferred: (right hand side of engine) Oil is routed from pump through block, then into the cooler/filter manifold. The manifold has a plug on its side (Cat® part 2H8829, a 1/2" NPT) just below the filter cannisters (presumed to be oil flow *upstream* of the filters), which can be removed to supply oil to the centrifuge (item A, over)

**Return Location:** Preferred: (right hand side of engine) Drill and tap connection into cover plate 2L3548, or into any crankcase access cover draining to pan (item B, over)  
Alternate #1: (on pan) return to tapped hole, replacing 2B7411 (3/4" NPT) plug or 2B7412 (1" NPT) plug (item C, over)

**Air Supply Location:** Required for LCB-style installation, compressed air source is preferred; if a turbocharger is chosen (with use of special low-pressure air check valve-refer to Bulletin 86.020), remember that it will only provide proper drainage of the Spinner II Oil Cleaning Centrifuge when the engine is near rated speed or fully-loaded. Engines that experience substantial idle time, or are frequently operated at very low loads would not be good candidates for turbochargers as an air supply source.

**Special Instructions:** None

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