



Model: 175T-750T Top Drives

Apr. 16, 2019

Serial #: All

Product Bulletin # TDS-197

Filter Obsolescence

The filter used in the top drive hydraulic system has been discontinued by the manufacturer and will no longer be available. This filter assembly (Canrig P/N: H11-1000-030) is a 12 micron filter with visual indicator.

Figure 1 below indicates the location of the hydraulic filter (Canrig P/N: H11-1000-030) which is installed behind the lube filter on a 500T/750T AC top drive. The location of the hydraulic filter will vary on other top drive models. A replacement kit is available through RIGLINE 24/7™ Support.

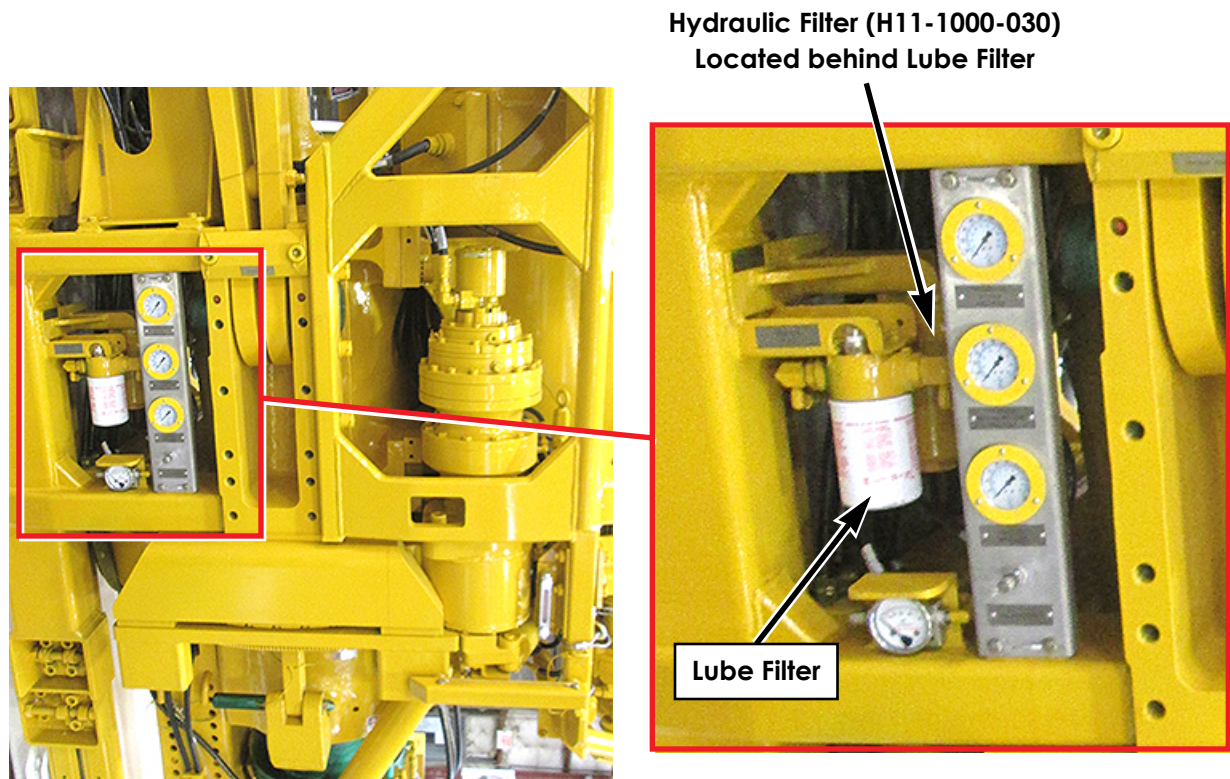


Figure 1: (H11-1000-030) Hydraulic Filter located behind Lube Filter on 500T/750T AC Top Drive

Models Affected

All 175T through 750T top drives built after 02/07/2008.

Filter Replacement Kit

Canrig offers a replacement kit to replace Canrig P/N: H11-1000-030 with Canrig P/N: H13941 in the hydraulic system on all applicable top drive models. An adapter, Canrig P/N: DT33627, is required for the replacement. The original filter element Canrig P/N: H11-1000-02A which was utilized on Canrig P/N: H11-1000-030 is compatible with the new Canrig P/N: H13941 filter housing. See Table 1 for a list of components included in the Canrig P/N: (AY24339) Filter Replacement Kit. Also, see Figure 2 for an illustration of the assembly which includes the filter, adapter, fasteners, and secondary retention.

Table 1: AY24339 Filter Replacement Kit Components

Item #	Part Number	Qty	Description
1	DT33627	1	ADAPTER, FILTER, HYDRAULIC
2	H13941	1	FILTER ASSY, 10 MICRON, SAE-12, CLOG/INDICATOR
3	SH-0375NC-0075-GR8-W	4	CAPSCR, HEX SOC HD, 3/8-16UNC x 0.75 W
4	LW-0375-NL	8	LOCKWASHER, 3/8 NORD-LOCK
5	SH-0375NC-0100-GR8-W	4	CAPSCR, HEX SOC HD, 3/8-16UNC x 1.00 W
6	LN-0375NC-GR8	4	LOCKNUT, 3/8-16UNC, GR8, STOVER
7	M21-2000-010	12 in	WIRE ROPE, 1/16 IN., 7 x 7, STAINLESS
8	M19-3006-010	2	FERRULE, 1/16, OVAL, ALUMINUM

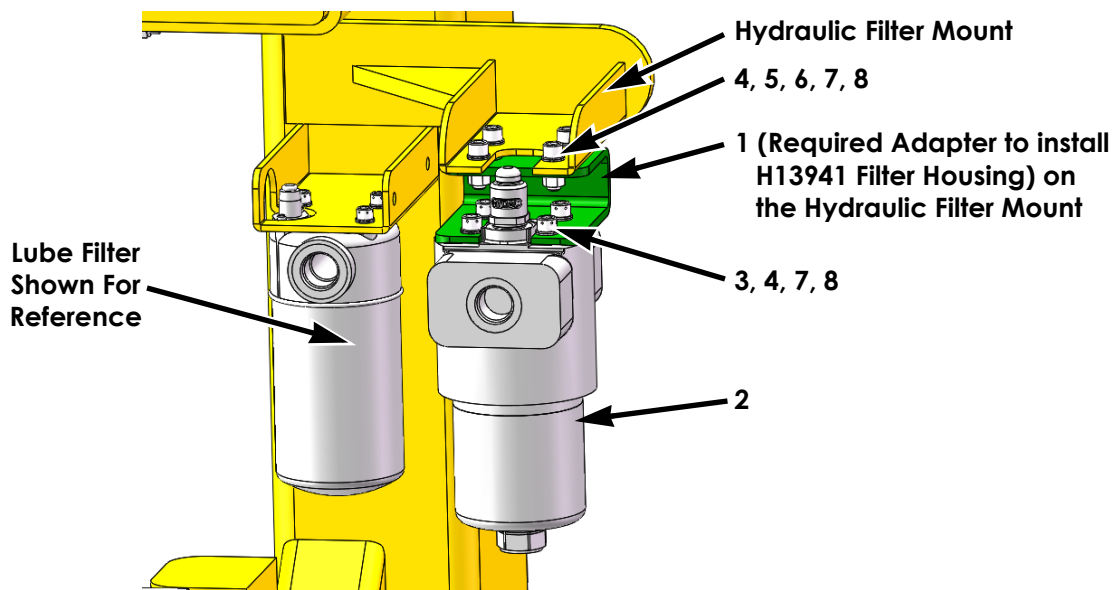


Figure 2: New Filter Kit (AY24339) Installed on the Hydraulic Filter Mount

Filter Replacement Kit Installation

Refer to Figure 3 below and Table 1 on page 2 to complete the installation.

1. Fasten filter (item 2) to adapter (item 1) with fasteners (items 3 and 4).



Note: Fasten filter assembly (item 2) to adapter (item 1) first, as 1" diameter holes in the adapter will be inaccessible after fastening the adapter to the hydraulic filter mount.

2. Fasten the adapter (item 1) to hydraulic filter mount with fasteners (items 4, 5, and 6).
3. Safety wire fasteners (items 3 and 5) with secondary retention (items 7 and 8).

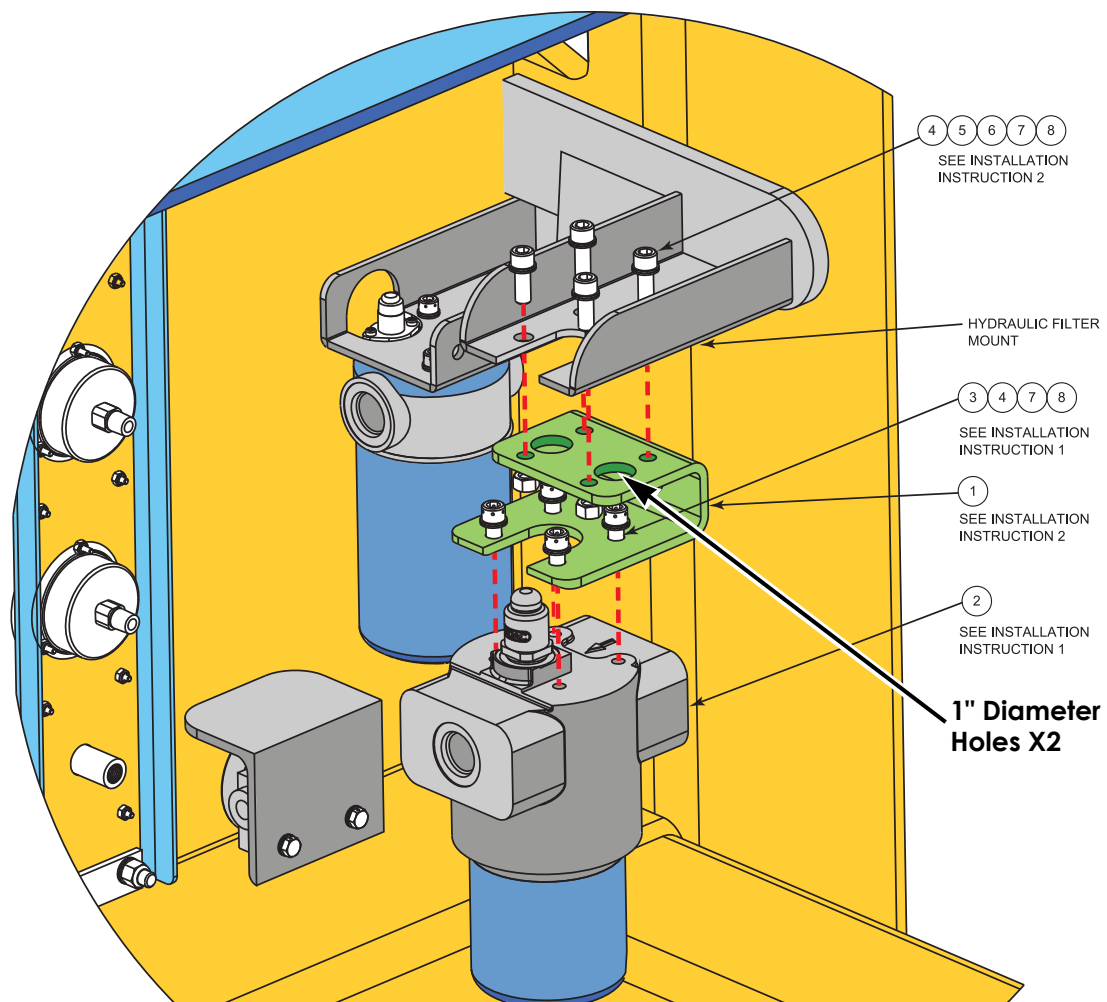


Figure 3: New Filter Kit (AY24339) Installation

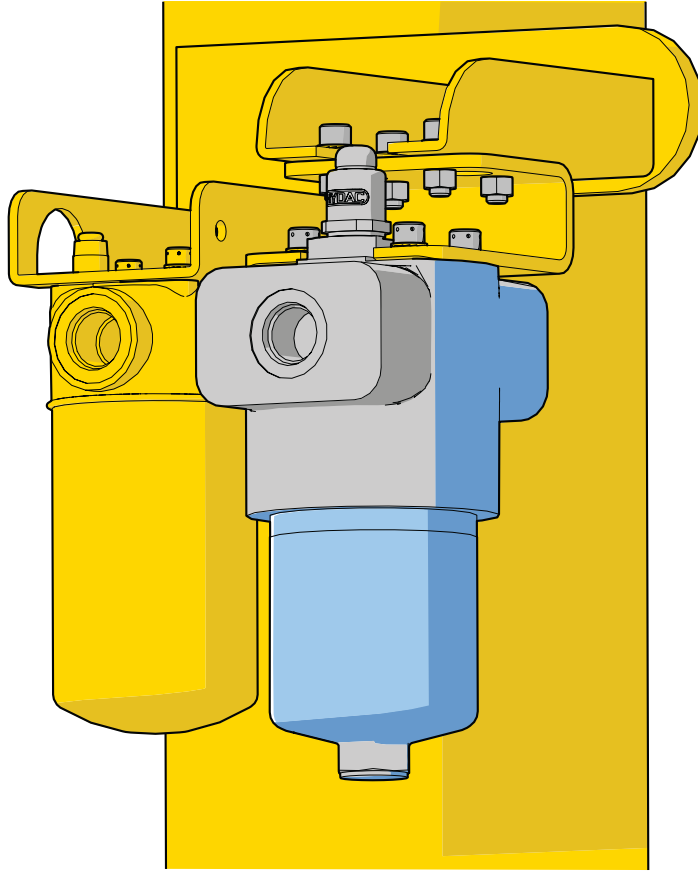


Figure 4: New Filter (AY24339) Installed on the Hydraulic Filter Mount