



**PRODUCT BULLETIN
NUMBER:**

**TOP DRIVE
113**

PRODUCT: TOP DRIVE

DATE: 03/31/2010

SUBJECT: Back-up Wrench Stop Pin Safety Wiring Procedure

SERIAL NUMBERS: ALL

DISCUSSION: The Back-up Wrench Stop Pins should be retained in a manner that will prevent the pins from falling out if an unforeseen event should occur.

RECOMMENDATION: Kits were created with all the necessary parts for the Back-up wrench Stop Pin function and safety features.

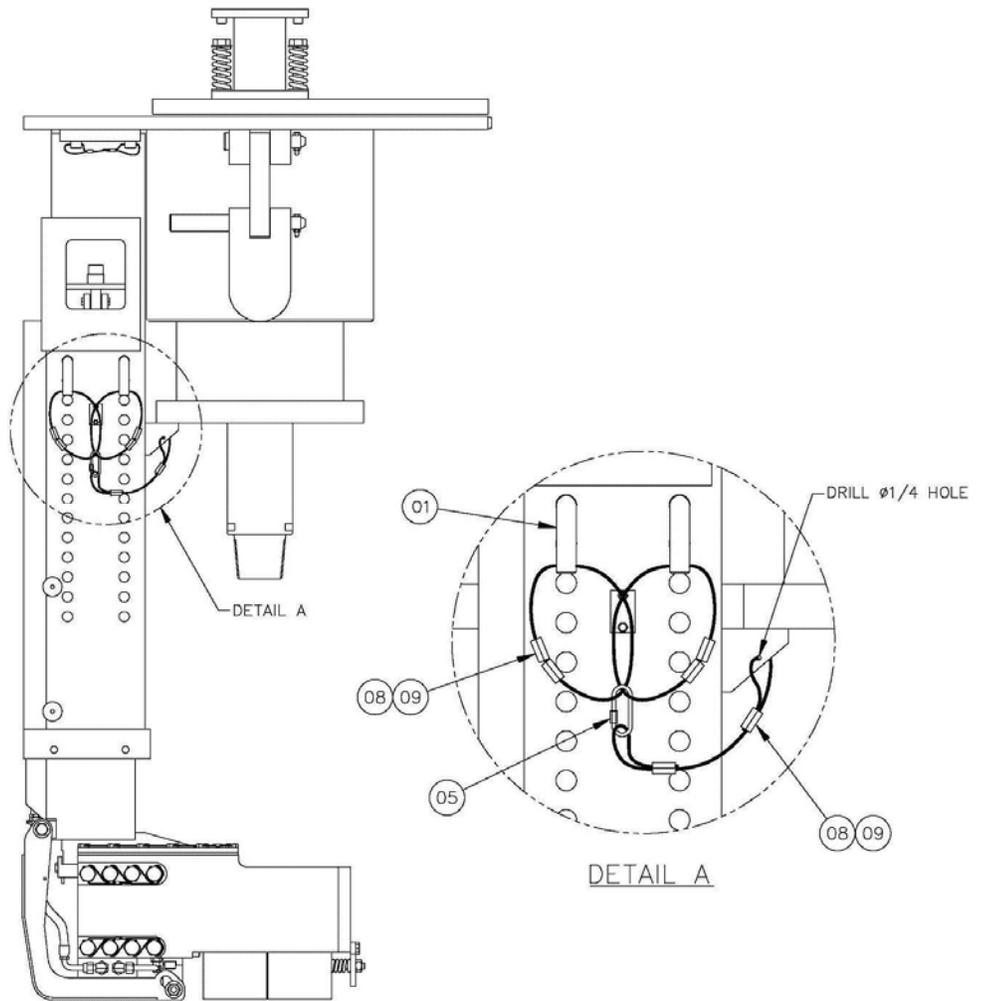
Kit AY16254 is specific to the 175 Ton Top Drive.
Kit AY16255 is specific to the 275 Ton to 750 Ton Top Drives.

Each Kit comes with the appropriate Stop Pin which is drilled for safety wiring and mechanical retention. The necessary mechanical fasteners and wiring components are included.

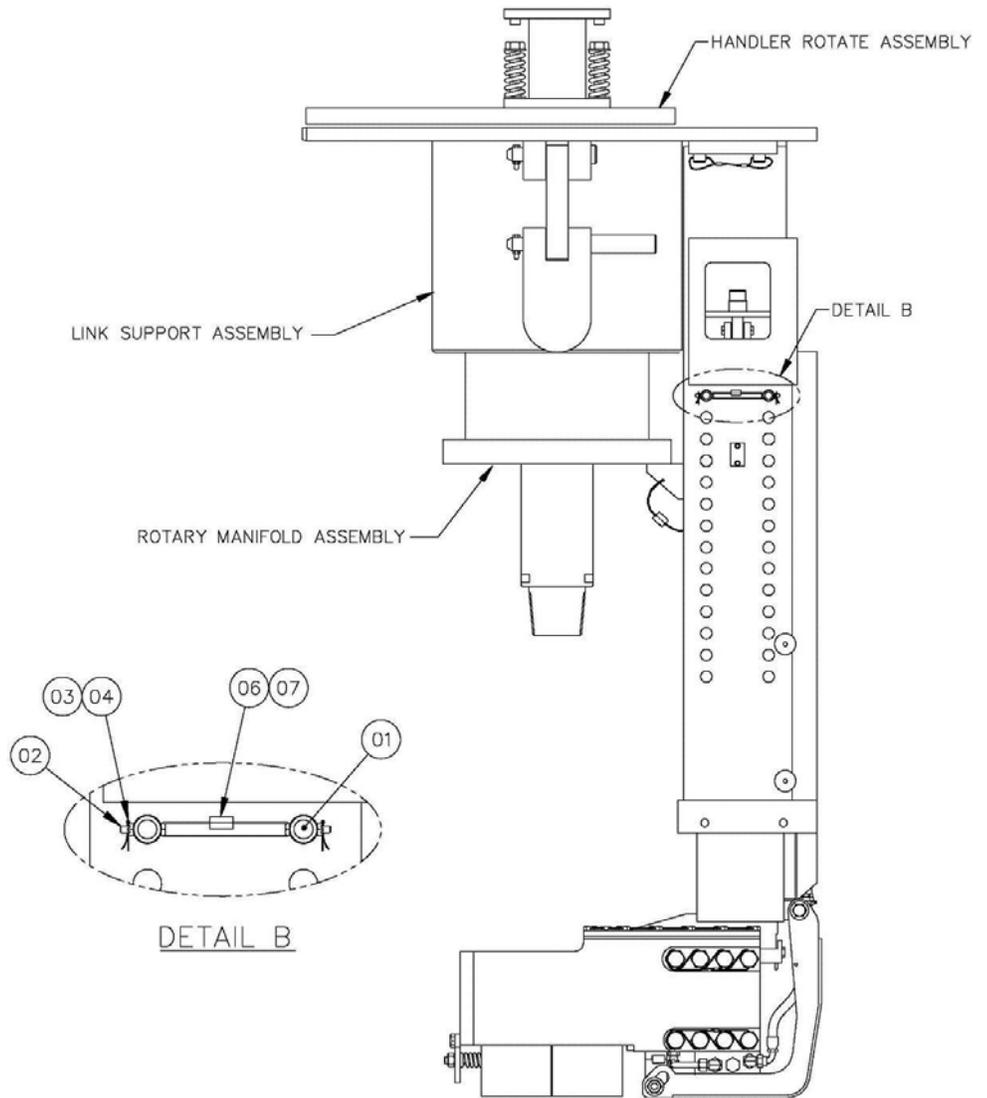
In order to complete the task dictated in the instructions, the proper swaging tool must be used. Tool part number M10193 can be ordered from Canrig if needed.

Instructions:

Drill a 1/4" diameter hole through the gusset of the Rotary Manifold Bracket.



Install 1/8" diameter Wire Rope (M10022) through the hole in the short end of the BUW Stop Pin and make a loop as shown in Detail A. Crimp with the 1/8" ferrules (M19-3009-010) with 3 compressions. Repeat for the other Stop Pin. Capture both wire loops with the Quick Link (M10220). Feed another 1/8" wire rope through the hole that was drilled in the Rotary Manifold Bracket and create a small loop as shown. Crimp with a 1/8" ferrule with 3 compressions. Create another small loop on the other end making sure that the length of the new lead is long enough to allow the Stop Pins to be located at either end of the Back-up Wrench.



As shown in Detail B, Install the Keeper Bolt (DT19010) through the long end of the Stop Pin and secure with the slotted hex nut (HSN-0250NC, GR8) and cotter pin (M24-3012-010). Repeat for the other Stop Pin. Install 1/16" wire rope (M21-2000-010) through the holes in the head of both keeper bolts and crimp with a 1/16" ferrule (M19-3006-010) with 2 compressions.

INFORMATION:

For further information contact:

For a complete list of all bulletins go to www.canrig.com

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