

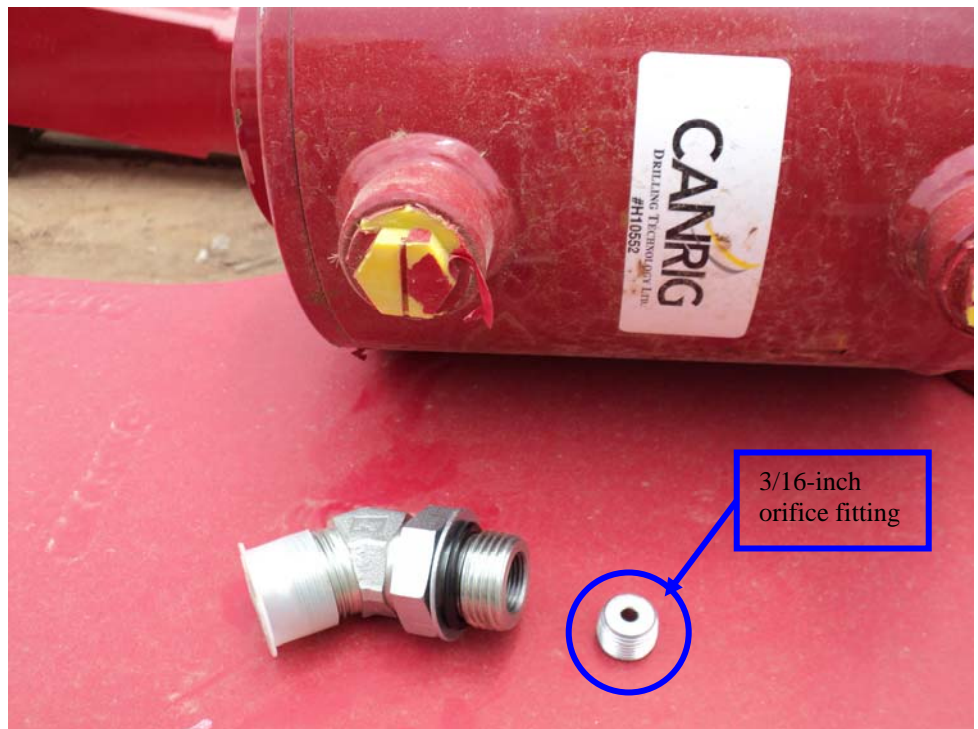
PRODUCT: TM-80 TM-120 Tong
Cylinder

DATE: 7/27/2011

SUBJECT: Tong Cylinder Orifice

SERIAL NUMBERS: ALL TM Series Wrenches

DISCUSSION: The rod end of the Clamp Cylinder has an orifice inserted in the hydraulic hose connector fitting (45 Deg or straight fitting). It is imperative to have this orifice in place; this allows a smoother and more accurate operation of the tong clamps. There is potential for the orifice in the fitting to not be installed when fitting is replaced.



RECOMMENDATION:

Ensure that the 3/16" orifice is being replaced when a replacement fitting is installed on the rod-side. The orifice is essential for reducing flow so that the cylinder retracts smoothly.

Part Numbers for these items are as follows:

45-degree angle fitting: 1581000028 – ADPT 45, 3/4 JIC X 3/4 ORB, 3/8 NPT BORE
Straight Fitting: 1581000029 – ADPT, 3/4 JIC X 3/4 ORB, 3/8 NPT BORE
Orifice: 158100030 – PLUG, 3/8 NPT, ORIFICE, 3/16

Note: The straight fitting is used on the rod-side of the lower right cylinder



Replacement fittings from Canrig will include necessary orifice fitting. However, if orifice is missing, the technician can reuse the original orifice if it is not visibly damaged (orifice can be removed with hex wrench).



INFORMATION:

For further information contact:

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

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