Dump Cylinder Installation

Hydraulic System - Dump Cylinder Item Part No. Qty Description Part No. Qty Description Installation, Cylinder - Dump 596089 593430 1 . Assembly, Cylinder 10 R13811196 1 2 . Locknut 2 225129 2 11 230681W . Capscrew 3 . Clamp Weldment 541598 2 . Pin 586056 4 13 4 R13811191 4 . Locknut 14 R13811085 2 . Capscrew 5 R13801813 4 . Capscrew 15 2 . Nut, Esna R13811193 6 . Tube Assembly, LH 00191758 . Fitting, Lube 586108 1 16 4 7 209715 2 . Fitting 17 586106 . Shim 8 209442 2 . Fitting 529808 2 19 . Pin

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. Assembly, Cylinder

596405



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586107

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. Tube Assembly, RH

^{*} See Separate Coverage



DUMP CYLINDER ANCHOR LUG SETTING:
AFTER THE BUCKET STOPS HAVE BEEN SET, (SEE ASS'Y, BUCKET & LIFT ARM; FOR INFORMATION)
POSITION THE BUCKET & H-FRAME ON THE GROUND WITH THE CUTTING LIP SUPPORTED AS SHOWN;

ASSEMBLE THE BUCKET DUMP CYLINDER ANCHOR LUG TO THE DUMP CYLINDER USING THE INDICATED HARDWARE;

CONNECT THE APPROPRIATE DUMP CYLINDER STEM EYE TO THE ASSOCIATED SIDE OF THE BUCKET AND FRAME ASSEMBLY, USING THE INDICATED HARDWARE. SET THE CYLINDER DOWN SO THAT THE ANCHOR LUG IS RESTING ON THE H-FRAME:

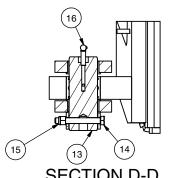
EXTEND THE DUMP CYLINDER STEM, 1/4" FROM THE FULLY COLLAPSED POSITON, TO ESTSABLISH THE ANCHOR LUG POSITION;

VISUALLY VERIFY ALIGNMENT. DIMENSION SHOWN IS FOR REFERENCE. DUMP CYLINDER IS TO BE ON CENTER OF DUMP CYLINDER POCKET.

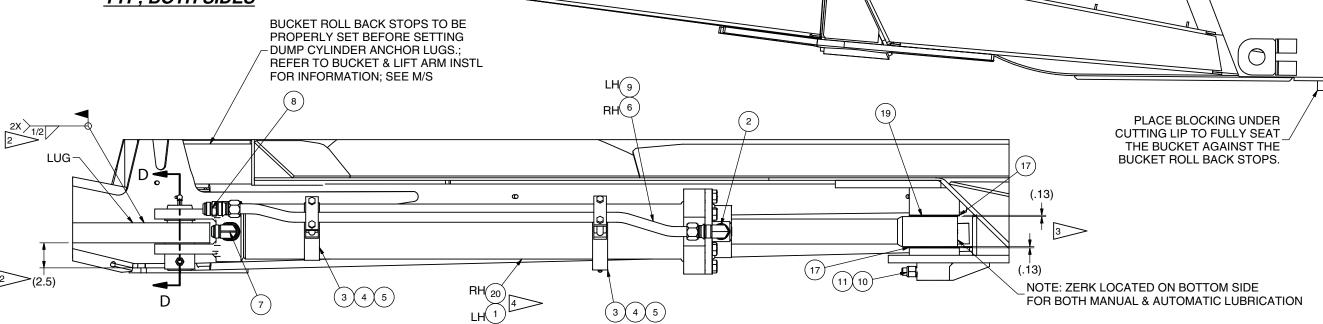
ONCE ON CENTER, SUBSTANTIALLY TACK WELD THE LUG(S) INTO POSITION, AND MOVE, (OR REMOVE) THE DUMP CYLINDER TO FACILITATE WELDING PER WELD NOTE;

VERIFY CLEARANCE ON STEM EYE IN DUMP CYLINDER CONNECTION POCKET. 1/8" PER SIDE IS NOMINAL, USE ITEM 17 AS REQUIRED TO REDUCE EXCESSIVE CLEARANCE;

4 CYLINDER CAN LAY AT AND ANGLE UP TO 7°BETWEEN FRAM E AND BUCKET ANCHORS.



SECTION D-D TYP, BOTH SIDES



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SECTION A-A RH CYLINDER SHOWN LH IS MIRROR IMAGE TUBE LAYS TOWARDS THE BUCKET

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