

# PRODUCT SERVICE BULLETINS

## Index

### NOV TEXAS OIL TOOLS INDEX OF PRODUCT BULLETINS

<b>TEXAS OIL TOOLS</b> 3770 Pollok Dr. Conroe, TX 77303 T: 936.777.6100	<b>Document Number</b> D601005758-IDX-001	<b>Rev</b> 45
<p>This document contains proprietary and confidential information which belongs to National Oilwell Varco, L.P., its affiliates or subsidiaries (all collectively referred to hereinafter as "NOV"). It is loaned for limited purposes only and remains the property of NOV. Reproduction, in whole or in part, or use of this design or distribution of this information to others is not permitted without the express written consent of NOV. This document is to be returned to NOV upon request and in any event upon completion of the use for which it was loaned. This document and the information contained and represented herein is the copyrighted property of NOV. ©National Oilwell Varco</p>		

**NOV TEXAS OIL TOOLS PRODUCT BULLETINS**

BULLETIN NUMBER	SUBJECT	ISSUE DATE
<a href="#"><u>PSB-014-PIB</u></a>	5" JHS CONNECTOR	1993-05
EFFECTIVITY: All 5" JHS Connectors: Modification to Seal Retainer		
<a href="#"><u>PSB-028-PIB</u></a>	4.06 10K & 15K QUAD SLIP	1995-10
EFFECTIVITY: Slip Rams purchased Jan to Oct. 1995; Part nos. 9206-2335 thru 9206-2573; Slip Insert drill & pin mod		
<a href="#"><u>PSB-035-PIB</u></a>	2.50 TANDEM SIDEDOOR S/P	1996-09
EFFECTIVITY: All 2.50" Tandem Side Door Strippers; Step Ring 9101-2926 to 9628-2120		
<a href="#"><u>PSB-029-PIB</u></a>	3.06 COMBI BOP GUIDE PINS	1996-10
EFFECTIVITY: All 3.06" Combi BOP; Guide Pin Rev C		
<a href="#"><u>PSB-032-PIB</u></a>	DTS4 & DTS6 SIDEWINDER S/P	1997-01
EFFECTIVITY: All DST Sidewinder Strippers; Excessive Packer & Bushing wear; Re-designed Packer and Energizer		
<a href="#"><u>PSB-036-PIB</u></a>	ALL 3.06 EL WIRELINE BOP	1997-05
EFFECTIVITY: ALL 3.06" EL SERIES WIRELINE BOPs		
<a href="#"><u>PSB-037-PIB</u></a>	FIELD PAINTING OF TOT EQUIP	1997-05
EFFECTIVITY: TOT RECOMMENDATION FOR FIELD PAINTING OF TOT EQUIPMENT		
<a href="#"><u>PSB-038-PIB</u></a>	ALL BOP W/BOOSTER CYLINDER	1997-06
EFFECTIVITY: ALL BOPs WITH BOOSTER CYLINDER ON SHEAR RAM ACTUATORS		
<a href="#"><u>PSB-040-PIB</u></a>	ALL 3.06 QUAD BOP	1997-10
EFFECTIVITY: ALL 3.06" QUAD BOPs		
<a href="#"><u>PSB-005-PIB</u></a>	EQUALIZING VALVE SEAT	1998-02
EFFECTIVITY: ALL EL SERIES BOPs: EQUALIZING VALVE SEAT		
<a href="#"><u>PSB-008-PIB</u></a>	3.06 QUAD BOP SHEAR RAMS	1998-02
EFFECTIVITY: 3.06" QUAD BOPs: SHEAR RAMS AND BOOSTER CYLINDERS		
<a href="#"><u>PSB-009-PIB</u></a>	2.50 QUAD BOP SHEAR RAMS	1998-02
EFFECTIVITY: 2.50" QUAD BOPs: SHEAR RAMS AND BOOSTER CYLINDERS		
<a href="#"><u>PSB-018-PIB</u></a>	LIFT SWIVELS	1998-02
EFFECTIVITY: LIFT SWIVELS		
<a href="#"><u>PSB-019-PIB</u></a>	2.00 HAMMER UNION CK VALVE	1998-02
EFFECTIVITY: 2.00" HAMMER UNION CHECK VALVE		
<a href="#"><u>PSB-020-PIB</u></a>	EQUALIZING VALVE BONNET	1998-02
EFFECTIVITY: EQUALIZING VALVE BONNET P/N 7808-1422L		
<a href="#"><u>PSB-021-PIB</u></a>	2.50 QUAD SLIP RAM GUIDE	1998-02
EFFECTIVITY: 2.50" QUAD BOP: SLIP RAM GUIDE FOR 1.50" COILED TUBING		
<a href="#"><u>PSB-023-PIB</u></a>	3.06 HYDRACONN LOCK DOGS	1998-02
EFFECTIVITY: 3.06" HYDRACONN LOCK DOGS P/N 9104-1025, B OR L		
<a href="#"><u>PSB-025-PIB</u></a>	5.12 HYDRACONN LOCK DOGS	1998-02
EFFECTIVITY: 5.12" HYDRACONN LOCK DOGS P/N 9106-1725, B OR L		
<a href="#"><u>PSB-026-PIB</u></a>	4.06 HYDRACONN LOCK DOGS	1998-02
EFFECTIVITY: 4.06" HYDRACONN LOCK DOGS P/N 9106-1025, B OR L		
<a href="#"><u>PSB-027-PIB</u></a>	3.06 4.06 5.12 HYDRACONN	1998-02
EFFECTIVITY: 3.06", 4.06" & 5.12" HYDRACONN UNLATCH		
<a href="#"><u>PSB-033-PIB</u></a>	3.00 COMBI BOP HYD CAPS	1998-02
EFFECTIVITY: ALL 3.00 COMBI BOP: HYDRAULIC CAPS P/N 8801-1422 & 8801-1422G		
<a href="#"><u>PSB-034-PIB</u></a>	4.06 10K QUAD/COMBI SLIP	1998-02
EFFECTIVITY: ALL 4.06" 10K QUAD AND COMBI BOP: SLIP RAM ASSEMBLIES		
<a href="#"><u>PSB-022-PIB</u></a>	RAM CREEP RESIDUAL PRESSURE	1998-03

EFFECTIVITY: ALL BOPs EQUIPPED WITH BOOSTER CYLINDER ASSEMBLIES ON THE SHEAR ACTUATOR: RAM CREEP DUE TO RESIDUAL PRESSURE		
<a href="#"><u>PSB-030-PIB</u></a>	4.06 10K EH/EC QUAD BOP	1998-03
EFFECTIVITY: ALL 4.06" 10K EH & EC SERIES QUAD Bops: CONTAINING PISTON RODS WITH GUIDE P/N 8412-2843		
<a href="#"><u>PSB-031-PIB</u></a>	JIC2/JIC3 INJECTOR CONN	1998-03
EFFECTIVITY: ALL JIC2 & JIC3 INJECTOR CONNECTORS FOR USE ON 3.06" & 4.06" 10K & 15K STRIPPER PACKERS		
<a href="#"><u>PSB-039-PIB</u></a>	2.50 10K DS74 SIDEDOOR S/P	1998-03
EFFECTIVITY: ALL 2.50" 10K DS74 SIDEDOOR STRIPPER PACKERS		
<a href="#"><u>PSB-041-PIB</u></a>	3.06 10K EH/EC QUAD BOP	1998-06
EFFECTIVITY: ALL 3.06" 10K EH & EC SERIES QUAD BOPs: NEW WEDGE SLIP DESIGN		
<a href="#"><u>PSB-042-PIB</u></a>	7.06 5K ANNULAR BOP PISTON	1998-06
EFFECTIVITY: ALL 7.06" 5K ANNULAR BOP: PISTON REMOVAL		
<a href="#"><u>PSB-044-PIB</u></a>	7.06 5K EG SLIP RAM ASSY	1998-11
EFFECTIVITY: ALL 7.06" 5K EG SERIES BOP: SLIP RAM ASSEMBLY INSERTS		
<a href="#"><u>PSB-045-PIB</u></a>	4.06 15K COMBI PIPE SLIP	1999-01
EFFECTIVITY: ALL 4.06" 15K COMBI: PIPE SLIP RAMS		
<a href="#"><u>PSB-046-PIB</u></a>	4.06 10K SIDEDOOR S/P	1999-10
EFFECTIVITY: ALL 4.06" 10K SIDEDOOR STRIPPER PACKER		
<a href="#"><u>PSB-017-PIB</u></a>	2.50/4.06 TANDEM & S/D S/P	2000-02
EFFECTIVITY: 2.50" 4.06" TANDEM AND SIDEDOOR STRIPPER PACKER		
<a href="#"><u>PSB-043-PIB</u></a>	ALL LOCKING COLLARS	2000-05
EFFECTIVITY: ALL LOCKING COLLARS		
<a href="#"><u>PSB-047-PIB</u></a>	4.06 10K EH/EC QUAD PISTON	2000-05
EFFECTIVITY: ALL 4.06" 10K EH & EC SERIES QUAD Bops: HYDRAULIC ACTUATOR ASSEMBLY		
<a href="#"><u>PSB-048-PIB</u></a>	4.06 10K EH/EC SLIP RAM	2000-05
EFFECTIVITY: ALL 4.06" 10K EH/EC SERIES QUAD BOP: SLIP RAM ASSEMBLY		
<a href="#"><u>PSB-049-PIB</u></a>	LOCKING COLLAR 8704-0931L	2000-07
EFFECTIVITY: LOCKING COLLAR 8704-0931L		
<a href="#"><u>PSB-050-PIB</u></a>	ALL 15K ES BOP PISTON ROD	2001-02
EFFECTIVITY: ALL 15K ES SERIES BOP: PISTON ROD HEAD		
<a href="#"><u>PSB-054-PIB</u></a>	3.06/4.06 15K ES PIPE/SLIP	2001-07
EFFECTIVITY: ALL 3.06" & 4.06" 15K ES SERIES BOP: PIPE/SLIP RAM INSTALLATION PROBLEM		
<a href="#"><u>PSB-055-PIB</u></a>	JIC3 INJECTOR CONNECTOR	2001-11
EFFECTIVITY: 3.06" JIC3 INJECTOR CONNECTORS: JIC3-HH00, JIC3-BH00, JIC2-HH00		
<a href="#"><u>PSB-056-PIB</u></a>	4.06 10K EH/EC BOP	2002-01
EFFECTIVITY: 4.06" 10K EH & EC SERIES QUAD AND COMBI BOP		
<a href="#"><u>PSB-057-PIB</u></a>	3.06 10K/15K COMBI S/S	2002-01
EFFECTIVITY: 3.06" 10K & 15K COMBI BOP: SHEAR/SEAL BLADES		
<a href="#"><u>PSB-058-PIB</u></a>	7.06 5K ANNULAR BOP	2002-05
EFFECTIVITY: 7.06" 5K ANNULAR BOP: PACKER ELEMENT		
<a href="#"><u>PSB-059-PIB</u></a>	3.06 10K EK QUAD BOP	2002-07
EFFECTIVITY: 3.06 10K EK SERIES QUAD BOP: SLIP AND SHEAR ACTUATORS ONLY		
<a href="#"><u>PSB-060-PIB</u></a>	CABLE SIDE ENTRY SUB	2002-09
EFFECTIVITY: CABLE SIDE ENTRY SUB (CSES): MATCHED CLAMP PLATE ASSEMBLY		
<a href="#"><u>PSB-062:PIB</u></a>	NEW NACE SPECIFICATION	2003-02
EFFECTIVITY: NEW NACE SPECIFICATION: H2S APPLICATIONS		
<a href="#"><u>PSB-063-PIB</u></a>	4.06 10K DTS4 TANDEM S/P	2003-03
EFFECTIVITY: ALL 4.06" 10K DTS4 SERIES TANDEM STRIPPER PACKER: MAIN PISTON		

<a href="#"><u>PSB-064-PIB</u></a>	SLIP INSERTS W/WELDED GUIDE	2003-11
EFFECTIVITY: ALL SLIP INSERTS WITH WELDED GUIDE IN 4.06" AND LARGER SLIP RAMS		
<a href="#"><u>PSB-061-PIB</u></a>	3.06/4.06 OVER/UNDER S/P	2004-01
EFFECTIVITY: 3.06" & 4.06" OVER/UNDER STRIPPER PACKER ALERT:DSV6, DSU4 & DSU6		
<a href="#"><u>PSB-065-PIB</u></a>	SHEAR BOOSTER BREATHER	2004-01
EFFECTIVITY: ALL SHEAR BOOSTER BREATHER P/N 7912-2551		
<a href="#"><u>PSB-066-PIB</u></a>	7.06 10K PIPE/SLIP RAM ASSY	2004-04
EFFECTIVITY: 7.06" 10K PIPE/SLIP RAM ASSEMBLY		
<a href="#"><u>PSB-067-PIB</u></a>	7.06 10K PIPE/SLIP RAM ASSY	2004-06
EFFECTIVITY: 7.06" 10K PIPE/SLIP RAM ASSEMBLY		
<a href="#"><u>PSB-068-PIB</u></a>	4.06 10K DTZ4 TANDEM S/P	2004-08
EFFECTIVITY: 4.06" 10K DTZ4 SERIES TANDEM STRIPPER PACKER:DYNAMIC O-RING REPLACEMENT		
<a href="#"><u>PSB-071-PIB</u></a>	4.06 10K DTS4 TANDEM S/P	2004-08
EFFECTIVITY: 4.06" 10K DTS4 SERIES TANDEM STRIPPER PACKER:DYNAMIC O-RING REPLACEMENT		
<a href="#"><u>PSB-070-PIB</u></a>	4.06 10K DTB/DTA TANDEM S/P	2004-08
EFFECTIVITY: 4.06" 10K DTB4 & DTA4 TANDEM STRIPPER PACKER O-RING REPLACEMENT		
<a href="#"><u>PSB-069-PIB</u></a>	4.06 10K EH/EC BOP P/S ACT	2004-09
EFFECTIVITY: 4.06" 10K EH44 & EC44 SERIES BOP: PIPE/SLIP ACTUATOR		
<a href="#"><u>PSB-072-PIB</u></a>	3.06 EL WIRELINE RAMS	2004-12
EFFECTIVITY: 3.06" EL SERIES WIRELINE RAMS FOR 3/16" & 7/32" WL		
<a href="#"><u>PSB-073-PIB</u></a>	7.06 15K EG72 PIPE/SLIP	2005-01
EFFECTIVITY: 7.06" 15K EG72 SERIES BOP: PIPE/SLIP FRONT SEALS FOR 2 5/8" AND LARGER TUBING SIZES		
<a href="#"><u>PSB-075-PIB</u></a>	4.06 10K/15K SLIP INSERTS	2005-04
EFFECTIVITY: 4.06" 10K/15K EH/EC SERIES SLIP RAM INSERTS		
<a href="#"><u>PSB-076-PIB</u></a>	4.06 DSX SIDEWINDER S/P	2005-08
EFFECTIVITY: 4.06" 10K/15K DSX4 & DSX6 SERIES SIDEWINDER STRIPPER PACKER		
<a href="#"><u>PSB-077-PIB</u></a>	3.06 10K SHEAR/SEAL PISTON	2005-11
EFFECTIVITY: 3.06" 10K SHEAR/SEAL PISTON ROD P/N 9706-1145 & 9706-1145B		
<a href="#"><u>PSB-078-PIB</u></a>	3.00 10K SHEAR/SEAL PISTON	2005-12
EFFECTIVITY: 3.00" SHEAR/SEAL PISTON ROD P/N 9706-1145 & 9706-1145B		
<a href="#"><u>PSB-081-PIB</u></a>	5.12 ES P/S RAM FRONT SEAL	2006-02
EFFECTIVITY: 5.12" ES BOP PIPE/SLIP RAM ASSEMBLY: FRONT SEAL P/N 8505-5300 BATCH # 102282 COMPRESSION PIN 2002-3793B		
<a href="#"><u>PSB-082-PIB</u></a>	5.12 ES P/S COMPRESSION	2006-02
EFFECTIVITY: 5.12" ES BOP PIPE/SLIP RAM ASSEMBLY: COMPRESSION PIN 2002-3793B		
<a href="#"><u>PSB-083-PIB</u></a>	CABLE SIDE ENTRY SUB BODY	2006-03
EFFECTIVITY: 3.5 & 4.5 CABLE SIDE ENTRY SUB BODY AND ADAPTER SUBS		
<a href="#"><u>PSB-085-PIB</u></a>	4.06 10K EH PISTON KEEPER	2006-04
EFFECTIVITY: 4.06" 10K EH SERIES SHEAR/SEAL ACTUATOR W/BOOSTER CYLINDER: PISTON KEEPER P/N 9701-2027		
<a href="#"><u>PSB-086-PIB</u></a>	4.06 10K PIPE/SLIP RAM	2006-04
EFFECTIVITY: 4.06" 10K PIPE/SLIP RAM ASSEMBLIES 8440-57**A AND 8440-57**AB (*CT SIZE)		
<a href="#"><u>PSB-087</u></a>	SUBSEA ACTUATOR BALL CK	2007-01
EFFECTIVITY: SUBSEA ACTUATOR BALL CHECK HOUSING		
<a href="#"><u>PSB-088</u></a>	4.06 REAR SEAL 7804-2537	2007-06
EFFECTIVITY: 4.06 REAR SEAL 7804-2537		
<a href="#"><u>D601000180-PIB-001</u></a>	DSV4/6 W/J-SLOT SLIP BOWL	2007-06
EFFECTIVITY: DSV4/6 SERIES W/J-SLOT SLIP BOWL MOUNTED TO HR680 INJECTOR		
<a href="#"><u>D601000111-PIB-001</u></a>	PIPE/SLIP RAMS 4.06 5.12 BOP	2008-03

EFFECTIVITY: 4.06" & 5.12" 10K & 15K BOP: PIPE/SLIP RAMS		
<a href="#">D601000649-PIB-001</a>	3.06 ES, EU & EY SHEAR ACT	2008-03
EFFECTIVITY: 3.06" ES, EU & EY SERIES BOP: SHEAR ACTUATOR		
<a href="#">D601000454-PIB-001</a>	RAM GUIDE 8841-0128B	2008-06
EFFECTIVITY: RAM GUIDE 8841-0128B TRACE # 402251		
<a href="#">D601001227-PIB-001</a>	JK46 QUICK DISCONNECT	2009-11
EFFECTIVITY: Lock Dogs/Stinger		
<a href="#">D601002005-PIB-001</a>	CB44 UNION BACKUP RING	2010-01
EFFECTIVITY: CB44 UNION BACKUP RING P/N 7992-1644		
<a href="#">D601002023-PIB-001</a>	BOP FRONT SEAL 7804-3600	2010-01
EFFECTIVITY: BOP FRONT SEAL 7804-3600, 7804-3700 & 7804-3900		
<a href="#">D601002510-PIB-001</a>	BLADE TO BLADE SEAL EZ44	2010-06
EFFECTIVITY: BLADE TO BLADE SEAL EZ44 P/N 503682/005		
<a href="#">D601005432-PIB-001</a>	4.06 10K DSQ4 STRIPPER	2011-03
EFFECTIVITY: 4.06" 10K DSQ4 STRIPPER PACKER SECONDARY M-SEAL LEAKAGE PISTON P/N 2002-0148 M-SEAL GROOVE		
<a href="#">D601005576-PIB-001</a>	3.06 4.06 SHEAR/SEAL BLADES	2011-03
EFFECTIVITY: 3.06" & 4.06" SHEAR/SEAL BLADES P/N 8801-1144 & 8801-0144		
<a href="#">EZ4R-VS61A-PIB-001</a>	EZ4R BLADE MODIFICATION	2011-05
EFFECTIVITY: EZ44 BOWEN SLIDELOCK 4.06" 10M DUAL BOP SHEAR/SEAL RAM ASSEMBLY BLADE MODIFICATION: BLADE – 503679/005 BLADE TO BLADE SEAL – 503682/005		
<a href="#">D601009503-PIB-001</a>	EZ44 SLIDE LOK BOP HANDLE	2012-02
EFFECTIVITY: EZ44 SLIDE-LOK BOP HANDLE PART NO 2005-0267		
<a href="#">D601009804-PIB-001</a>	EZ44 S/S RAM OUTER SEAL	2012-05
EFFECTIVITY: M601009621 EZ44 SLIDE-LOK SHEAR/SEAL RAM OUTER SEAL		
<a href="#">D601009806-PIB-001</a>	EZ44 SEAL BLADE TO RAM BODY	2012-05
EFFECTIVITY: EZ44 SLIDE-LOK SEAL BLADE TO RAM BODY 503683-005		
<a href="#">D601009873-PIB-001</a>	3.06 10M ES TRIPLE BOP	2012-06
EFFECTIVITY: Guide Rod		
<a href="#">M601005300B-PIB-001</a>	7.06 15M BX156 X BX 169	2012-06
EFFECTIVITY: M601005300B - 7.06 15M BX156 X 5.12 15M BX169 SPOOL		
<a href="#">D601010144-PIB-001</a>	SH 7.06" PEEK SIDEPACKERS	2012-08
EFFECTIVITY: 2002-1481P, 2002-1482P, 2002-1483P, 2002-1484P, 2002-1481-MLK-694K & 2002-1482-MLK-694K REPLACEMENT OF SAFETY HEAD MLK SIDE PACKERS WITH PEEK SIDE PACKERS		
<a href="#">D601010444-PIB-001</a>	4.06 8801 SHEAR BLADE MOD	2013-03
EFFECTIVITY: 4.06" SHEAR SEAL RAM BLADE DESIGN IMPROVEMENT; BLADES: LOW TEMP NITRILE: 8801-05** & 8801-06** ; LOW TEMP VITON: 8801-07**B & 8801-08**B; VITON: 8801-07** & 8801-08**		
<a href="#">D601010882-PIB-001</a>	BOP MANUAL LOCKS, TORQUE	2013-05
EFFECTIVITY: BOP MANUAL LOCKS, TORQUE RATING		
<a href="#">D601011008-PIB-001</a>	ES64 MANUAL LOCK SCREW	2013-06
EFFECTIVITY: ES64 PIPE, PIPE/SLIP ACTUATOR M60ES64-ACT2XL & M60ES64-ACT3XL MANUAL LOCK SCREW		
<a href="#">7949-3221B-PIB-001</a>	7949-3221B BONNET BOLT	2014-01
EFFECTIVITY: 7949-3221B BONNET BOLT SPLIT DOWN CENTER		
<a href="#">D601012441-PIB-001</a>	SLIP INSERT PROD. IMPROVE	2014-08
EFFECTIVITY: 9206-25** SLIP INSERT DESIGN IMPROVEMENT		
<a href="#">M60EGA72-PIB-001</a>	EGA72 PISTON SET SCREW	2014-11-12
EFFECTIVITY: ADDITION SET SCREW 7942-0402 PISTON/PISTON ROD		
<a href="#">D601012729-PIB-001</a>	COMBI SHEAR BLADE 1.75 2.38	2014-12-18

EFFECTIVITY: COMBI SHEAR BLADE PROCUREMENT		
<a href="#">D601012627-PIB-001</a>	RAM ELASTOMER VARIANCE	2015-01-23
EFFECTIVITY: COMPOUND USED FOR SSR AND GSR SEALS IN SUBSEA APPLICATIONS		
<a href="#">2005-2020-PIB-001</a>	TOP SEAL INSERTS	2015-04-08
EFFECTIVITY: 2005-2020, TOP SEAL 7.06 5M 'EG' SHEAR/SEAL FAILURE		
<a href="#">9801-1222-PIB-001</a>	9801-1222 DE-BOOSTER CYL	2015-05-26
EFFECTIVITY: REPLACEMENT OF DE-BOOSTER CYLINDER 9801-1222B		
<a href="#">D601013126-PIB-001</a>	5.12" S/S BLADES 2.88 & 3.5	2015-06-12
EFFECTIVITY: 5.12" SHEAR SEAL BLADES OF SIZES 2 7/8" AND 3.50"; 8505-5973, 8505-5988, 9622-0788		
<a href="#">D601013236-PIB-001</a>	5.12 ES ACT9 WELL RATIO	2015-07-30
EFFECTIVITY: M60ES56-ACT9, M60ES56-ACT9B, M60ES56-ACT9ZL, M60ES56-ACT17YL		
<a href="#">D60EGA72-PIB-002</a>	EGA72 TOP SEAL FOR S/S RAMS	2015-09-01
EFFECTIVITY: TOP SEAL FROM 2005-2020 TO M601013282M; RAM ASSEMBLIES FROM EG72-TS88XB, EG72-TS88X TO M60EGA72-MS88XB		
<a href="#">D601013344-PIB-001</a>	5.12 EC/EH SSR 2.875 & 3.50	2015-09-17
EFFECTIVITY: 5.12" 10K RAM BODIES FOR 2.875 COIL MODIFICATION; 5.12 SHEAR/SEAL RAM BODY RH: 9211-1188 5.12 SHEAR/SEAL RAM BODY LH: 9211-1288		
<a href="#">D601013435-PIB-001</a>	HAL 7.06 10K SLIP RAM	2015-11-05
EFFECTIVITY: 7.06 10K ES SLIP RAMS M60ES7R-0G51AL		
<a href="#">D60EGA72-PIB-003</a>	EGA72 BONNET SEAL	2015-12-02
EFFECTIVITY: THE BONNET SEAL FOR ALL EGA BOPS CHANGED. OLD SEAL: 7813-J377; NEW SEAL: P601013447		
<a href="#">D601013499-PIB-001</a>	SLIP RAM PIN RETAINER	2016-01-08
EFFECTIVITY: NOTICE TO CUSTOMERS USING SLIP RAMS ON BOPS WITH RETAINER PINS. ALL SLIP RAMS		
<a href="#">DSO6-1469-PIB-001</a>	DSO6 RR S/W	2016-03-02
EFFECTIVITY: INSTALLATION OF TUBING GUIDES AFFECTED ASSEMBLIES: DSKR-UW**AL, DSKR-UA**AL		
<a href="#">9705-2022-PIB-001</a>	HYDRACONN LOCK DOGS	2016-03-03
EFFECTIVITY: 5.12" JU56 HYDRACONN LOCK DOGS 9705-2022		
<a href="#">D601013667-PIB-001</a>	SAFETYHEAD SIDEPACKER	2016-04-20
EFFECTIVITY: SAFETYHEAD SIDE PACKER SEALS: 2002-1481P, 2002-1482P, 2002-1483P, 2002-1484P		
<a href="#">D601013702-PIB-001</a>	JK46 CONNECTOR	2016-05-11
EFFECTIVITY: Product Service Bulletin for JK46 Quick Disconnect Connectors:JK46-1GL6X, M60JK46-146WL, M60JK46-1A1WL, M60JK46-1A2WL, M60JK46-1A3WL, M60JK46-1A4WL, M60JK46-1F40L		
<a href="#">ES56-ACT2-PIB-001</a>	ES56 5.12 15K SLIP RAM QUAD BOP	2016-07-08
EFFECTIVITY: ES54 Slip Ram Assemblies; New Spacer Bushing		
<a href="#">1000011781-PIN</a>	STRIPPER PACKER BRASS BUSHING	2016-08-26
EFFECTIVITY: Stripper Packer Bushings; Decrease Bushing Friction		
<a href="#">1000011850-PIN</a>	PIPE/SLIP-SLIP INSERT RETENTION	2016-10-04
EFFECTIVITY: OBSOLETE reference 1000012819-PIB		
<a href="#">1000011840-PIN</a>	BOP STEM SEAL SST ENERGIZER	2016-20-21
EFFECTIVITY: All Models Texas Oil Tools BOPs; BOP Stem Seal Stainless Steel Energizer		
<a href="#">1000011858-PIB</a>	ES GUIDE ROD MATERIAL 9905-2936	2016-11-03
EFFECTIVITY: ES46 and ES44 shear/seal and pipe/slip actuators. DD46 shear/seal actuators; Required Replacement of Guide Rods 9905-2424 and 9905-2936		
<a href="#">1000011981-PIB</a>	STRIPPER PACKER RELIEF VALVE	2017-03-13
EFFECTIVITY: Texas Oil Tools Stripper Packers; DSA4, DSA6, DSH4, DSH6, DSQ4, DSU4, DSU6, DSV4, DSV6, DSW4, DSW6		
<a href="#">1000012006-PIB</a>	SAFETYHEAD RAM SEAL INSTALLATION	2017-04-04
EFFECTIVITY: All Safetyhead Shear/Seal Ram Assemblies		
<a href="#">1000012190-PIB</a>	PISTON SEAL EH MODEL BOP	2017-07-11



EFFECTIVITY: Texas Oil Tools EH54 Blowout Preventer; Piston Seal		
<a href="#">1000012215-PIN</a>	EIA74 EXTENDED CLEVIS	2017-08-11
EFFECTIVITY: All EIA74 Series BOP Actuators; Clevis and Locking Wedge Improvement		
<a href="#">1000012236-PIB</a>	JU56 CONNECTOR SAFETY LATCH	2017-09-14
EFFECTIVITY: Upgrades available; Torsion Spring: 9705-2629; Gland Nut: 9705-2627; Lock Piston: 9705-2628		
<a href="#">1000012281-PIB</a>	CT CONDITION EVAL HYDRAULIC PSI	2019-10-19
EFFECTIVITY: All BOPs with Slip or Pipe/Slip Rams; Coiled Tubing Condition Evaluation, Slip and Pipe/Slip Rams; Anticipated Minimum and Maximum Hydraulic Pressures		
<a href="#">1000012342-PIB</a>	EH44 BOP ACTUATOR ROD NUT	2017-11-09
EFFECTIVITY: All EH44 & EC44 Quad BOPs; Actuator Rod Nut Evaluation and Possible Replacement		
<a href="#">1000012378-PIB</a>	DD46-ACT2X 15M SNUBBING ACT	2017-12-21
EFFECTIVITY: DD46 Snubbing BOPs; required torque values on threaded connections, change rod		
<a href="#">1000012440-PIB</a>	EGA BONNET SEALS	2018-02-02
EFFECTIVITY: ALL EGA BOPs with Bonnet Seal P601013447 Rev. 01		
<a href="#">1000012523-PIB</a>	CLOSING PRESSURE IN REGARD TO COIL	2018-05-10
EFFECTIVITY: All BOP's with Slip or Pipe Slip		
<a href="#">1000012661-PIB</a>	RECOMMENDED BONNET BOLT TORQUE	2018-08-25
EFFECTIVITY: All Bonnet Bolts on actuators for ES, EH, EC, EG, and EGA BOPs		
<a href="#">1000012717-PIN</a>	EIA74 CLEVIS & LOCKING WEDGE	2018-09-12
EFFECTIVITY: EIA74 Series SSR BOP Actuators; EIA74 SSR Clevis and Locking Wedge Improvement		
<a href="#">1000012817-PIB</a>	SLIP INSERT INSTALLATION	2018-12-14
EFFECTIVITY: Awareness of ram body size specific slip inserts. (4.06 vs. 5.12) All Slip ram assemblies		
<a href="#">1000012819-PIB</a>	SLIP INSERT RETENTION REVISION	2018-12-19
EFFECTIVITY: Pipe-slip ram, All Models - 10K: 3.06" EH, EC, EK & ES; 4.06" EH, EC & ES; 5.12" EH & EC 15K: 3.06" & 4.06" ES		
<a href="#">1000012853-PIB</a>	5.12 8505 SHEAR/SEAL BLADE MOD	2019-01-31
EFFECTIVITY: All 5.12" Shear/Seal Ram Blades; 8505-82**, 8505-81**, 8505-59**B, 8505-57**B, 8505-59**, 8505-57**		
<a href="#">1000012906-PIB</a>	DSA6 STRIPPER PACKER EXTRA SEAL	2019-03-07
EFFECTIVITY: Texas Oil Tools Stripper Packers DSA6		
<a href="#">1000014390-PIB</a>	JIC3 CONNECTOR BOLT TORQUE	2019-05-31
EFFECTIVITY: Bolting: 7935-1408, 7935-1408B, 7935-1408G, 7931-1610, 7931-1610B, 7931-2412, 7931-2412B, 7935-1610, 7935-1610B, 7935-1612, 7935-1612B, 7935-1612G, 7935-1613, 7935-2314		