

PRODUCT SERVICE BULLETINS

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NOV TEXAS OIL TOOLS INDEX OF PRODUCT BULLETINS

TEXAS OIL TOOLS 3770 Pollok Dr. Conroe, TX 77303 T: 936.777.6100	Document Number D601005758-IDX-001	Rev 46
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NOV TEXAS OIL TOOLS PRODUCT BULLETINS

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

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

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

EFFECTIVITY: 4.06" & 5.12" 10K & 15K BOP: PIPE/SLIP RAMS		
D601000649-PIB-001	3.06 ES, EU & EY SHEAR ACT	2008-03
EFFECTIVITY: 3.06" ES, EU & EY SERIES BOP: SHEAR ACTUATOR		
D601000454-PIB-001	RAM GUIDE 8841-0128B	2008-06
EFFECTIVITY: RAM GUIDE 8841-0128B TRACE # 402251		
D601001227-PIB-001	JK46 QUICK DISCONNECT	2009-11
EFFECTIVITY: Lock Dogs/Stinger		
D601002005-PIB-001	CB44 UNION BACKUP RING	2010-01
EFFECTIVITY: CB44 UNION BACKUP RING P/N 7992-1644		
D601002023-PIB-001	BOP FRONT SEAL 7804-3600	2010-01
EFFECTIVITY: BOP FRONT SEAL 7804-3600, 7804-3700 & 7804-3900		
D601002510-PIB-001	BLADE TO BLADE SEAL EZ44	2010-06
EFFECTIVITY: BLADE TO BLADE SEAL EZ44 P/N 503682/005		
D601005432-PIB-001	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		
D601005576-PIB-001	3.06 4.06 SHEAR/SEAL BLADES	2011-03
EFFECTIVITY: 3.06" & 4.06" SHEAR/SEAL BLADES P/N 8801-1144 & 8801-0144		
EZ4R-VS61A-PIB-001	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		
D601009503-PIB-001	EZ44 SLIDE LOK BOP HANDLE	2012-02
EFFECTIVITY: EZ44 SLIDE-LOK BOP HANDLE PART NO 2005-0267		
D601009804-PIB-001	EZ44 S/S RAM OUTER SEAL	2012-05
EFFECTIVITY: M601009621 EZ44 SLIDE-LOK SHEAR/SEAL RAM OUTER SEAL		
D601009806-PIB-001	EZ44 SEAL BLADE TO RAM BODY	2012-05
EFFECTIVITY: EZ44 SLIDE-LOK SEAL BLADE TO RAM BODY 503683-005		
D601009873-PIB-001	3.06 10M ES TRIPLE BOP	2012-06
EFFECTIVITY: Guide Rod		
M601005300B-PIB-001	7.06 15M BX156 X BX 169	2012-06
EFFECTIVITY: M601005300B - 7.06 15M BX156 X 5.12 15M BX169 SPOOL		
D601010144-PIB-001	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		
D601010444-PIB-001	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**		
D601010882-PIB-001	BOP MANUAL LOCKS, TORQUE	2013-05
EFFECTIVITY: BOP MANUAL LOCKS, TORQUE RATING		
D601011008-PIB-001	ES64 MANUAL LOCK SCREW	2013-06
EFFECTIVITY: ES64 PIPE, PIPE/SLIP ACTUATOR M60ES64-ACT2XL & M60ES64-ACT3XL MANUAL LOCK SCREW		
7949-3221B-PIB-001	7949-3221B BONNET BOLT	2014-01
EFFECTIVITY: 7949-3221B BONNET BOLT SPLIT DOWN CENTER		
D601012441-PIB-001	SLIP INSERT PROD. IMPROVE	2014-08
EFFECTIVITY: 9206-25** SLIP INSERT DESIGN IMPROVEMENT		
M60EGA72-PIB-001	EGA72 PISTON SET SCREW	2014-11-12
EFFECTIVITY: ADDITION SET SCREW 7942-0402 PISTON/PISTON ROD		
D601012729-PIB-001	COMBI SHEAR BLADE 1.75 2.38	2014-12-18

EFFECTIVITY: COMBI SHEAR BLADE PROCUREMENT		
D601012627-PIB-001	RAM ELASTOMER VARIANCE	2015-01-23
EFFECTIVITY: COMPOUND USED FOR SSR AND GSR SEALS IN SUBSEA APPLICATIONS		
2005-2020-PIB-001	TOP SEAL INSERTS	2015-04-08
EFFECTIVITY: 2005-2020, TOP SEAL 7.06 5M 'EG' SHEAR/SEAL FAILURE		
9801-1222-PIB-001	9801-1222 DE-BOOSTER CYL	2015-05-26
EFFECTIVITY: REPLACEMENT OF DE-BOOSTER CYLINDER 9801-1222B		
D601013126-PIB-001	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		
D601013236-PIB-001	5.12 ES ACT9 WELL RATIO	2015-07-30
EFFECTIVITY: M60ES56-ACT9, M60ES56-ACT9B, M60ES56-ACT9ZL, M60ES56-ACT17YL		
D60EGA72-PIB-002	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		
D601013344-PIB-001	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		
D601013435-PIB-001	HAL 7.06 10K SLIP RAM	2015-11-05
EFFECTIVITY: 7.06 10K ES SLIP RAMS M60ES7R-0G51AL		
D60EGA72-PIB-003	EGA72 BONNET SEAL	2015-12-02
EFFECTIVITY: THE BONNET SEAL FOR ALL EGA BOPS CHANGED. OLD SEAL: 7813-J377; NEW SEAL: P601013447		
D601013499-PIB-001	SLIP RAM PIN RETAINER	2016-01-08
EFFECTIVITY: NOTICE TO CUSTOMERS USING SLIP RAMS ON BOPS WITH RETAINER PINS. ALL SLIP RAMS		
DSO6-1469-PIB-001	DSO6 RR S/W	2016-03-02
EFFECTIVITY: INSTALLATION OF TUBING GUIDES AFFECTED ASSEMBLIES: DSKR-UW**AL, DSKR-UA**AL		
9705-2022-PIB-001	HYDRACONN LOCK DOGS	2016-03-03
EFFECTIVITY: 5.12" JU56 HYDRACONN LOCK DOGS 9705-2022		
D601013667-PIB-001	SAFETYHEAD SIDEPACKER	2016-04-20
EFFECTIVITY: SAFETYHEAD SIDE PACKER SEALS: 2002-1481P, 2002-1482P, 2002-1483P, 2002-1484P		
D601013702-PIB-001	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		
ES56-ACT2-PIB-001	ES56 5.12 15K SLIP RAM QUAD BOP	2016-07-08
EFFECTIVITY: ES54 Slip Ram Assemblies; New Spacer Bushing		
1000011781-PIN	STRIPPER PACKER BRASS BUSHING	2016-08-26
EFFECTIVITY: Stripper Packer Bushings; Decrease Bushing Friction		
1000011850-PIN	PIPE/SLIP-SLIP INSERT RETENTION	2016-10-04
EFFECTIVITY: OBSOLETE reference 1000012819-PIB		
1000011840-PIN	BOP STEM SEAL SST ENERGIZER	2016-20-21
EFFECTIVITY: All Models Texas Oil Tools BOPs; BOP Stem Seal Stainless Steel Energizer		
1000011858-PIB	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		
1000011981-PIB	STRIPPER PACKER RELIEF VALVE	2017-03-13
EFFECTIVITY: Texas Oil Tools Stripper Packers; DSA4, DSA6, DSH4, DSH6, DSQ4, DSU4, DSU6, DSV4, DSV6, DSW4, DSW6		
1000012006-PIB	SAFETYHEAD RAM SEAL INSTALLATION	2017-04-04
EFFECTIVITY: All Safetyhead Shear/Seal Ram Assemblies		
1000012190-PIB	PISTON SEAL EH MODEL BOP	2017-07-11

EFFECTIVITY: Texas Oil Tools EH54 Blowout Preventer; Piston Seal		
1000012215-PIB	EIA74 EXTENDED CLEVIS	2017-08-11
EFFECTIVITY: All EIA74 Series BOP Actuators; Clevis and Locking Wedge Improvement		
1000012236-PIB	JU56 CONNECTOR SAFETY LATCH	2017-09-14
EFFECTIVITY: Upgrades available; Torsion Spring: 9705-2629; Gland Nut: 9705-2627; Lock Piston: 9705-2628		
1000012281-PIB	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		
1000012342-PIB	EH44 BOP ACTUATOR ROD NUT	2017-11-09
EFFECTIVITY: All EH44 & EC44 Quad BOPs; Actuator Rod Nut Evaluation and Possible Replacement		
1000012378-PIB	DD46-ACT2X 15M SNUBBING ACT	2017-12-21
EFFECTIVITY: DD46 Snubbing BOPs; required torque values on threaded connections, change rod		
1000012440-PIB	EGA BONNET SEALS	2018-02-02
EFFECTIVITY: ALL EGA BOPs with Bonnet Seal P601013447 Rev. 01		
1000012523-PIB	CLOSING PRESSURE IN REGARD TO COIL	2018-05-10
EFFECTIVITY: All BOP's with Slip or Pipe Slip		
1000012661-PIB	RECOMMENDED BONNET BOLT TORQUE	2018-08-25
EFFECTIVITY: All Bonnet Bolts on actuators for ES, EH, EC, EG, and EGA BOPs		
1000012717-PIB	EIA74 CLEVIS & LOCKING WEDGE	2018-09-12
EFFECTIVITY: EIA74 Series SSR BOP Actuators; EIA74 SSR Clevis and Locking Wedge Improvement		
1000012817-PIB	SLIP INSERT INSTALLATION	2018-12-14
EFFECTIVITY: Awareness of ram body size specific slip inserts. (4.06 vs. 5.12) All Slip ram assemblies		
1000012819-PIB	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		
1000012853-PIB	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**		
1000012906-PIB	DSA6 STRIPPER PACKER EXTRA SEAL	2019-03-07
EFFECTIVITY: Texas Oil Tools Stripper Packers DSA6		
1000014390-PIB	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		
1000033495-PIB	INDICATOR HOUSING ASSEMBLY NEW DESIGN	2019-8-06
EFFECTIVITY: ET SafetyHead Indicator Housing New Design vs. Legacy Design		
1000033496-PIB	INDICATOR HOUSING ASSEMBLY NEW DESIGN	2019-8-12
EFFECTIVITY: EIA Subsea Actuator Indicator Housing New Design vs. Legacy Design		