

EDITION : 9

ENGINE MODEL NO: 4045D, 6068D

DATED: 04-23-15

CUSTOMER: JOHN DEERE

ASSEMBLY NO: 32262

SUPERSEDES:

CUSTOMER PART NO: RE60062

TEST STAND: ISO 8984

1. CALIBRATION FLUID...SAE J967 / ISO 4113
(Ref. S.B. 201) AT ROOM TEMPERATURE (70°-80° F)
2. CALIBRATION HIGH PRESSURE PIPES...0.063 X 12"
(1.6 X 305 mm)

NOTE: Reference Pencil Nozzle Service Manual 99002 and S.B. 467 for additional service information.

INJECTOR SETTINGS

1. OPENING PRESSURE SETTINGS:

	<u>SET</u>	<u>CHECK</u>
** NEW	3580 ± 40 PSI (246.5 ± 2.8 bar)	3500 PSI MIN. (241.5 bar)
SERVICE	3380 ± 40 PSI (233 ± 2.8 bar)	3170 PSI MIN. (218.5 bar)

2. VALVE LIFT: TURN 3/4 ± 1/8 .0135 (0.34mm) NOMINAL
3. SPRAY ORIFICE SIZE: .0106 (0.27mm)
4. SPRAY ORIFICE NUMBER: 4
5. SAC TYPE: TAPERED MINI
6. CHECK NOZZLE "CHATTER" PER PENCIL NOZZLE SERVICE MANUAL 99002. IF ACCEPTABLE PROCEED TO STEP 7.
7. RETURN OIL LEAKAGE: 1 TO 14 DROPS / 30 SECONDS MAX. AT 1500 PSI (SERVICE ONLY).

** SETTINGS FOR NEW NOZZLE OR WHEN A NEW PRESSURE ADJUSTING SPRING IS USED.

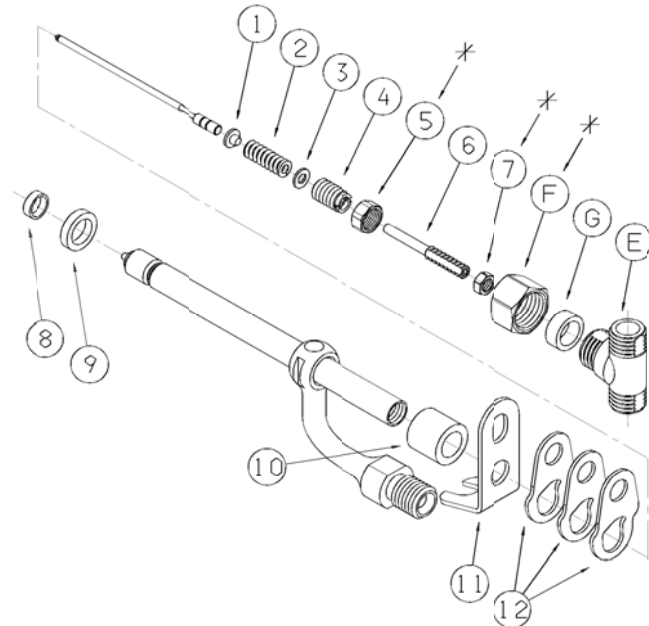
THE FOLLOWING ITEMS USED IN CONJUNCTION WITH THE NOZZLE ASSEMBLY ARE PURCHASED SEPARATELY:

- A. PROTECTIVE SHIPPING CAPS NO. 16560 & 18964
- B. NOZZLE CLAMP SCREW NO. 28365 (.3125-18) OR 34979 (M8 X 1.25)
- C. FUEL LINE CONNECTOR NUT NO. 16164
- D. FUEL LINE FERRULE NO. 16166
- E. NOZZLE LEAK-OFF CAP NO. 31286
- F. NOZZLE LEAK-OFF NUT NO. 24187 *
- G. NOZZLE LEAK-OFF GROMMET NO. 17721

* ASSEMBLY TORQUE:

24185	70-80 lbf·in (7.9-9.0 N·m)
24186	35-45 lbf·in (4.0-5.1 N·m)
24187	20-30 lbf·in (2.3-3.4 N·m)

- ♦ NEW CLAMPS NO. 32651 MUST NOT BE MIXED WITH OLD CLAMPS. REFERENCE S.B. 479A



<u>ITEM NO.</u>	<u>PART NO.</u>	<u>QTY REQ.</u>	<u>DESCRIPTION</u>
1	28753	1	SEAT, spring
2	28071	1	SPRING, pressure adjusting
3	20742	1	SHIM, pressure adjusting
4	23705	1	SCREW, pressure adjusting
5	24185 *	1	LOCKNUT, pressure screw
6	39600	1	SCREW, lift adjusting
7	24186 *	1	LOCKNUT, lift screw
8	16389	1	SEAL, carbon stop
9	20628	1	WASHER, plain
10	28477	1	SPACER, nozzle body
11	28478	1	PLATE, injector locating
12	32651 ♦	3	CLAMP, nozzle spring

FOR ENGINEERING USE ONLY

<u>DATE</u>	<u>ECN NO.</u>	<u>EDITION</u>
07-10-95	23898	2
09-29-95	23788	3
09-25-96	22628	4
03-16-00	26746	5
05-22-00	26689	6
08-17-09	32224	7
01-06-11	32530	8
04-23-15	38233	9