

John Deere 624K-II (SN. C001001-; D001001-) 4WD Loader Repair Technical Service Manual (TM14202X19)

544E, 544E LL, 544E TC,
624E, 644E Loader
Diagnostic



OPERATION AND TEST MANUAL
4WD Loaders models 544E, 624E, 644E
TM1413 22 FEB 05 (ENGLISH)

For complete service information also see:

544E, 544E LL, 544E TC, 624E, and 644E Loaders Repair	TM1414
Series 300, 3029, 4039, 4045, 6059 and 6068 Diesel Engines	CTM8
Alternators and Starting Motors	CTM77
Series 400, 6076 Diesel Engines (- 49880000)	CTM6
TeamMate II 1200	CTM43
Series 300 - 3179, 4000, 4000A, 4000B, 4000C, 4000D, 4000E, 4000F, 4000G, 4000H, 4000I, 4000J, 4000K, 4000L, 4000M, 4000N, 4000O, 4000P, 4000Q, 4000R, 4000S, 4000T, 4000U, 4000V, 4000W, 4000X, 4000Y, 4000Z, 4000AA, 4000AB, 4000AC, 4000AD, 4000AE, 4000AF, 4000AG, 4000AH, 4000AI, 4000AJ, 4000AK, 4000AL, 4000AM, 4000AN, 4000AO, 4000AP, 4000AQ, 4000AR, 4000AS, 4000AT, 4000AU, 4000AV, 4000AW, 4000AX, 4000AY, 4000AZ, 4000BA, 4000BB, 4000BC, 4000BD, 4000BE, 4000BF, 4000BG, 4000BH, 4000BI, 4000BJ, 4000BK, 4000BL, 4000BM, 4000BN, 4000BO, 4000BP, 4000BQ, 4000BR, 4000BS, 4000BT, 4000BU, 4000BV, 4000BW, 4000BX, 4000BY, 4000BZ, 4000CA, 4000CB, 4000CC, 4000CD, 4000CE, 4000CF, 4000CG, 4000CH, 4000CI, 4000CJ, 4000CK, 4000CL, 4000CM, 4000CN, 4000CO, 4000CP, 4000CQ, 4000CR, 4000CS, 4000CT, 4000CU, 4000CV, 4000CW, 4000CX, 4000CY, 4000CZ, 4000DA, 4000DB, 4000DC, 4000DD, 4000DE, 4000DF, 4000DG, 4000DH, 4000DI, 4000DJ, 4000DK, 4000DL, 4000DM, 4000DN, 4000DO, 4000DP, 4000DQ, 4000DR, 4000DS, 4000DT, 4000DU, 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Printed by Belgreen



TM1413

Covers: 624K-II,1BZ624KA_,_C001001;1BZ624KA_,_D001001

Type: Service Manual

Language: English

Pages: 289

Format: PDF

Features: Bookmarked, searchable, printable

Compatibility: Windows/Mac/Tablet/Mobile

This service manual contains important information for the maintenance, troubleshooting and servicing of the **John Deere 624K-II (SN. C001001-; D001001-) 4WD Loader Repair Technical Service Manual (TM14202X19)**

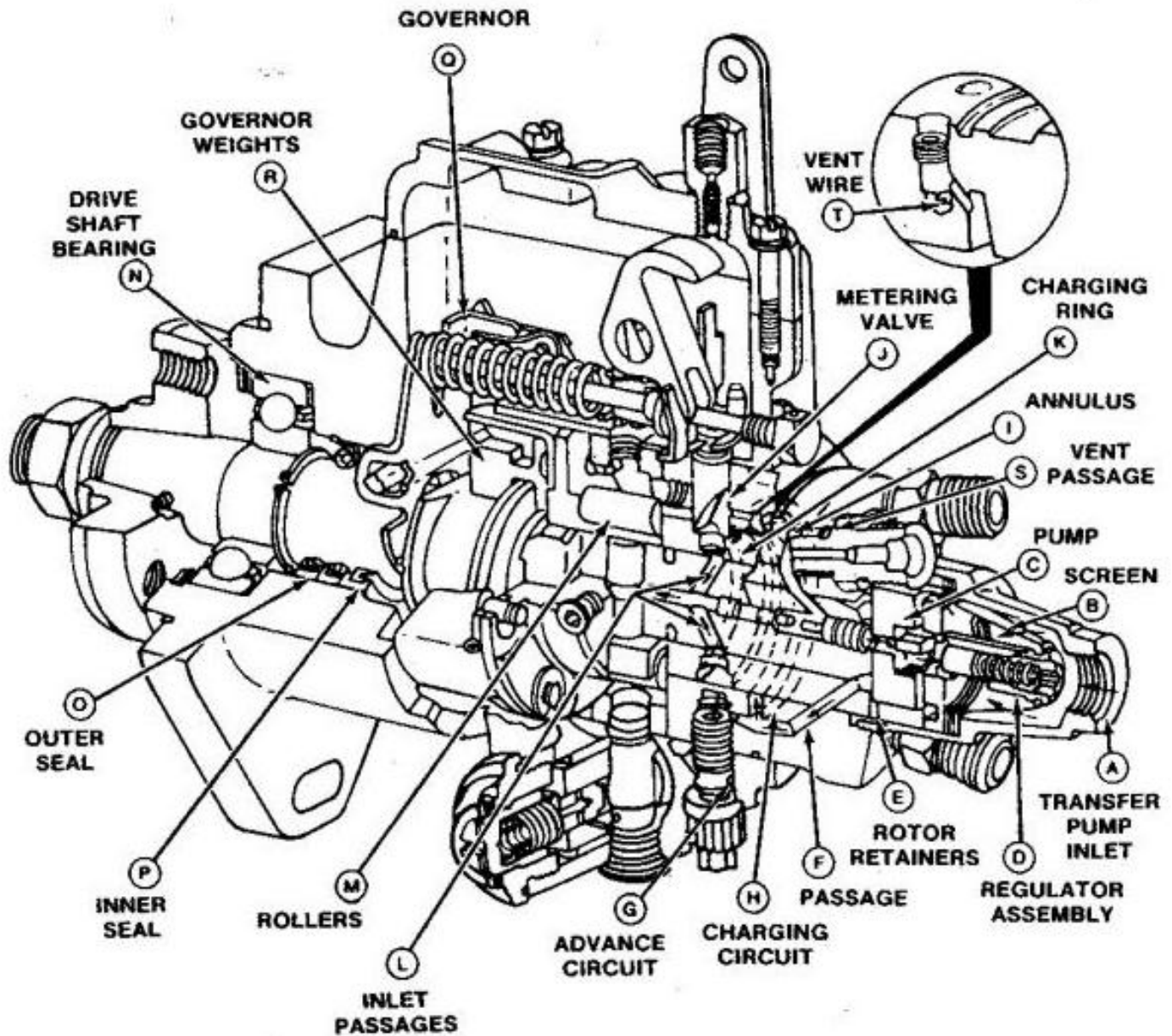
In this manual you will find detailed specifications, illustrations, schematics, diagrams and step-by-step procedures to properly service and diagnose the machine to the manufacturer's standards.

Contents:

- General Information
- Specifications
- Serial Number Location
- Engine Specifications
- Engine Diagnostics
- Engine Tests and Adjustments
- Engine Repair
- Power Train
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- Diagnostics, Tests and Adjustments
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Fuel Injection Pump Operation-544E, 624E



U FUEL INJECTION PUMP

Fuel Injection Pump

Fuel is delivered to the transfer pump inlet (A) where it passes through the inlet screen (B) and enters the vane-type pump (C). Since the transfer pump displacement greatly exceeds the injection requirements, a large percentage of fuel is bypassed



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