

Powertech 4 5 L Engine Engine Performance Curve John Deere

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Powertech 4 5 L Engine

POWERTECH 4.5L & 6.8L Diesel Engines Mechanical Fuel ...

POWERTECH 45 L & 68 L Diesel Engines — Mechanical Fuel Systems CTM207 06OCT04 (ENGLISH) For complete service information also see: POWERTECH 45 L and 68 L Diesel Engines—Base Engine CTM104 Alternators and Starter Motors CTM77 OEM Engine Accessories CTM67 (English Only) POWERTECH 45 L and 68 L Diesel

POWERTECH 4.5L & 6.8L Diesel Engines Level 12 Electronic ...

It is one of five volumes on 45 L and 68 L engines The following four companion manuals cover the base engine, mechanical fuel system, level 4 electronic fuel system and level 1 electronic fuel system repair, operation and diagnostics: •CTM104—Base Engine •CTM170—Level 4 Electronic Fuel System with Bosch VP44 Pump

POWERTECH 4.5L Engine ENGINE PERFORMANCE Model: ...

ENGINE PERFORMANCE - PRIME - STANDBY 10 (45) 20 (9) 30 Fuel -- lb/hr (kg/hr) (14) 30 (22) 10 (7) 70 (52) 50 (37) 60 (45) 80 (60) 20 (15) 40 (30) Brake Power -- hp (kW) POWERTECH 45L Engine Model: 4045DF150 54 hp (40 kW) Prime 59 hp (44 kW) Standby [Option 1603 / 1673 / ...

PowerTech ETM 4.5 L Engine ENGINE PERFORMANCE CURVE ...

PowerTech ETM 45 L Engine Model: 4045HF285 JD Electronic Control 115 hp @ 2400 rpm 86 kW @ 2400 rpm [See Option Code Table] Rating: Gross Power Application: Industrial - Continuous Power Bulge - 0% Torque Rise - 26% * Revised Data

PowerTech™ PVX 4.5L Engine [See Option Code Table]

Displacement 45 L 275 in³ Compression Ratio 165 : 1 Valves per Cylinder, Intake/Exhaust 2 / 2 Firing Order 1-3-4-2 Combustion System HPCR Engine Type In-line, 4-cycle Aspiration Turbocharged and air-to-air aftercooled Engine Crankcase Vent System Open Physical Data Length 867 mm

341 in Width 680 mm 268 in Height 1076 mm 424 in Weight

Workshop manual John Deere Diesel engines Powertech 4.5L ...

Rail (HPCR) It is one of six volumes on 45 L and 68 L engines The following five companion manuals cover the base engine, mechanical fuel system, and other electronic control systems Each manual covers repair, operation, and diagnostics •CTM104—Base Engine •CTM170—Level 4 Electronic Fuel System with Bosch VP44 Pump

PowerTech 4.5 L Engine ENGINE PERFORMANCE CURVE ...

4 (15) Engine Speed -- rpm Torque -- lb-ft (N•m) Fuel -- gal/hr (liters/hr) Power -- hp (kW) 0 200 (271) 216 lb-ft (293 N•m) Propeller Absorption Crankshaft Power Crankshaft Torque Crankshaft Fuel Consumption Consumption Propeller Fuel PowerTech 45 L Engine Model: 4045DFM70 (Propeller Power is approximately 97% of Crankshaft Power)

P TECH 4.5L & 6.8L Diesel Engines Base Engine

Repair, operation and diagnostics on 45L and 68 L diesel engines is now covered in three manuals Discard CTM104 dated 12OCT98 and replace with the following new manuals: •CTM104 45 L and 68 L Diesel Engines—Base Engine •CTM207 45 L and 68 L Diesel Engines— Mechanical Fuel Systems •CTM170 45 L and 68 L Diesel Engines—Level 4

PowerTech™ 4045SFM85 Diesel Engine

PowerTech™ 4045SFM85 Diesel Engine Marine Propulsion Engine Specifications Dimensions General Data (Based on Standard Option Configuration) Model 4045SFM85 Number of cylinders Displacement - L (cu in) Bore and Stroke-- mm (in) Engine Type Aspiration 4 45 (275) 107 x 127 (421 x 500) In-line, 4- Cycle Turbocharged and air-to-seawater

4.5 and 6.8 L Tier 3 / Stage IIIA OEM Diesel Engines

PowerTech Plus 45 and 68 L 4045HF485 and 6068HF485 Tier 3 / Stage IIIA OEM Diesel Engines OPERATOR'S MANUAL PowerTech Plus 4045HF485 and 6068HF485 OEM Diesel Engines OMRG36852 Issue 27Feb06 (ENGLISH) CALIFORNIA Proposition 65 Warning Diesel engine exhaust and some of its constituents are known to the State of California to cause cancer, birth

PowerTech™ E4.5Land6.8 *DCT* LOEMDieselEngines (Tier3 ...

Up to 4% cash back · RecordKeeping Continuedonnextpage RG, RG34710,5004-19-12JUN17-1/2 EngineOptionCodes 1111 4391 6901 1399 4607 72F3 1425 4702 7306 6068HFC09 68 L 2732F 1524

John Deere "Powertech" Engine Identification

4 Engine serial number 5 Application/user If this number ends in 150 or higher it is a "Powertech" two line Style 1 Engine manufacturer "PE = Torreón, Mexico" 2 Number of cylinders "4" 3 Displacement "024 = 24 liter" 4 Type of air intake system T = Turbocharged 5 Engine serial number 6

Powertech 4 5 L Engine Engine Performance Curve John Deere ...

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Off-Highway Diesel Engines - John Deere

Tier 1/Stage I PowerTech 45L engines Engine model Rated power Rated speed kW hp rpm 2-valve 4045D 36 48 2250 4045D 52 70 2500 4045D 58 78 2200 4045D 60 80 2500 4045D 61 82 2400 4045D 63 84 2500 4045T 66 89 2200 4045T 73 98 2200 4045T 74 99 2500 1 2 4 4 6 3 5 1 5 8 2-valve

models operation (4...

Torque and Rebuild Specifications for John Deere Powertech ...

John Deere Powertech 45 Liter Engines Cylinder Liner Protrusion 001" - 004" Main Bearing Cap 100 ft lbs Connecting Rod Bolt 43 ft lbs + 90° Piston Protrusion 003" - 010" Crankshaft End Play 001" - 014" Cylinder Head Bolts 75 ft lbs 110 ft lbs Wait 5 Min 110 ft lbs Tighten an additional 60°

PowerTech 4.5 L and 6.8 L Non-Certified and Tier 1 ...

PowerTech 45 L and 68 L Non-Certified and Tier 1 Certified OEM Diesel Engines OPERATOR'S MANUAL PowerTech 45 L and 68 L Non-Certified and Tier 1 Certified OEM Diesel Engines OMRG25204 Issue 02Nov06 (ENGLISH) CALIFORNIA Proposition 65 Warning Diesel engine exhaust and some of its constituents are known to the State of California to cause

POWERTECH 2.4L & 3.0L Diesel Engines

POWERTECH 24 L & 30 L Diesel Engines RG12961 -UN-03JUN03 24 L Right Side View RG12960 -UN-03JUN03 24 L Left Side View RG12962 -UN-03JUN03 Engine will start with PTO engaged if normal circuitry is bypassed Start engine only from operator's station with PTO

OPERATION AND MAINTENANCE MANUAL

POWER TECH 45 L ENGINES 4045D Engine 4045T Engine RG7999 RG7998 RG7996 RG7997 Identification Views POWERTECH 68 L ENGINES 6068D Engine 6068T Engine RG8003 RG8002 RG8001 RG8000 i Continued on next page All information, illustrations, and specifications in this manual are based on

PowerTech E 4024HF285/HF295 and 5030HF285 OEM Diesel ...

engine and those options available through the John Deere distribution network NOTE: This operator's manual covers PowerTech E 24 L and 30 L engine models 4024HF285, 4024HF295 and 5030HF285 The 4024HF285 and 5030HF285 engines meet emission standards for EPA Tier 3 in the United States, and Stage III A in the European Union The

POWER 10.5 L and 12.5 L 6105 (003764—) and 6125 (010967 ...

105 L and 125 L 6105 (003764—) and 6125 (010967—) OEM Diesel Engines OPERATOR'S MANUAL POWERTECH 105/125 L OEM Diesel Engines OMRG29968 Issue 03Mar06 (ENGLISH) CALIFORNIA Proposition 65 Warning Diesel engine exhaust and some of its constituents are known to the State of California to cause cancer, birth defects, and other reproductive