

Bore: 5.000" | Stroke: 5.4300"

Rod Journal: 3.4980-3.4990" Main Journal: 4.9206-4.9219"

Main Torque: 218 ft/lbs Rod Torque: 27 ft/lbs +95 degrees

Head Torque: 74, 120, 120 ft/lbs, +90 degrees, +90 degrees

APPLICATION MODELS:

Power Unit

6105AF001, 6105HF001

Tractor

9200

Wheel Loader

744H



NEW NOW AVAILABLE

Cooling System	Description	Part #
Water Pump	Aftermarket new replacement water pump replaces all of the following John Deere® OEM #'s: RE545360, RE549153, RE530870, R502052, RE540308. Weight: 31.92lbs	NRE549153
Thermostat	180 degree 180 degree	NAR102258 NRE33705

Shop Additional John Deere® 6105A/H PowerTech Parts

Engine Kits

Inframe Overhaul Kit

Part #: RP954451

with rod bolts, after eng.s/n 3,700, connecting rod #R501566

Part #: RP954449

with rod bolts, thru eng.s/n 3,700, connecting rod #R121174

Out-of-Frame Overhaul Kit

Part #: RP955449

with rod bolts, after eng.s/n 3,700, connecting rod #R501566

Part #: RP955451

with rod bolts, after eng.s/n 3,700, connecting rod #R501566

Cylinder Components

Cylinder Kit

Part #: RP151597

Liner Sealing Ring Kit

Part #: NAR72351

Liner Shim

Part #: NR81276

.050mm

Part #: NR81277

.100mm

Piston Ring Set

Part #: NRE53637

1 cyl set, 3mm compression rings

Part #: NRE504630

1 cylinder set, 3mm compression rings

Engine Bearings

Main Bearing Set

Part #: RP251556

.std, with thrust washers

Part #: RP251557

.010"oversize, with thrust washers

Part #: RP251558

.020"oversize, with thrust washers

Rod Bearing

Part #: NRE63811

std

Part #: NRE68703

010"

Part #: NRE68704

.020"

Thrust Washer Set

Part #: NRE530885

standard

Part #: NRE68659

.007"

Engine Gaskets

Head Gasket Set

Part #: NRE537388

Oil Pan Gasket

Part #: NR519752

Overhaul Gasket Set

Part #: NRE535190

less crankshaft seals

Crankshaft

Crankshaft

Part #: NRE51660

with sensor wheel & timing gear

Dampener Pulley

Part #: NRE505520

Front Crankshaft Seal

Part #: NRE54073

Rear Crankshaft Seal

Part #: NRE505520

Rear Crankshaft Seal Housing Gasket

Part #: NR35043

Timing Cover Gasket

Part #: NR500214

Part #: NR502026

v-ring seal

Part #: NR502441

v-ring seal

Connecting Rod

Connecting Rod Bolt
Part #: NR66453

Connecting Rod Capscrew
Part #: NR501380
fracture split connecting rod

Piston Pin Bushing
Part #: NR69045
2.00" pin, stepped-tapered,
honeable
Part #: NR69045S
2.00" pin, stepped-tapered,
boreable

Camshaft, Balancer

Camshaft Bearing
Part #: NR532008

Valve Train

Intake & Exhaust Valve
Part #: NR122035

Valve Guide
Part #: NR133636
.357" ID

Valve Keeper
Part #: NR91889
half

Valve Rotator and Spring
Part #: NRE505499
Contains 2-springs, 2-rotators

Valve Seal
Part #: NRE66635
top hat style

Valve Seat
Part #: NR504713
std
Part #: NR133637
.010"

Valve Cover and Rocker

Valve Cover Gasket
Part #: NR505677
Part #: NR502124

Head Hardware

Head Bolt Kit
Part #: NRE530817
contains 26) NR519524 bolts,
replaces NRG28087 that
contained bolts and washers

Fuel System

Fuel Injector Tube
Part #: NRE531334
with both sealing rings, should
be replaced anytime injector is
replaced
Part #: NRE528634
with sealing rings

Convenient Ways to Search!



Scan Me



Our **Shop Parts online configuration tool** conveniently matches and displays the repair and replacement parts for your specific machine or engine application.

Search By Machine or Engine

Select type

Make

Select Make

Engine

Select Engine

Start Lookup

OR

We Can Transform Beyond Your Engine

From Clutch Parts, Cab A/C and Heating to Upholstery Repairs and Lighting

Part #, Model, Engine, CPL...

You can find your part by searching it's:

- 1 OEM Part Number
- 2 Competitor Part Number
- 3 Reliance Part Number
- 4 Application Model Number
- 5 Engine Number

The Largest Selection of Aftermarket Engine Repair Parts in the Industry.

All original content, design, and images © 2021 Reliance, a company of Nivel Heavy Duty. All rights reserved. Manufacturer's names, numbers, symbols, and descriptions are for reference purposes only and in no way implies that any part is the product of said manufacturer(s). John Deere® is the registered trademark of Deere & Company, Moline, Illinois.