

# HYPER-FORMANCE™ Overhaul Kits for John Deere® Engines

## EXTEND AND IMPROVE ENGINE PERFORMANCE WITH THE BEST KITS AVAILABLE

### APPLICATIONS

#### John Deere Models:

164D*	270
219*	6076T
329*	6076A
402	6081PT
404	466T, A Early and Late
4066	

*\*Not fitted with hard anodized crowns*

### FEATURES

Hyper-formance Overhaul kits provide new technology advantages for older engines.

- Liners designed for optimum wear resistance and long life
- Advanced performance pistons
- Compression enhancement for improved starting

**HYPER-FORMANCE™**  
overhaul kits

### SPECIFICATIONS

#### These Hyper-formance Kits include:

- Compression enhanced, hard anodized crown and pistons
- Induction hardened liners
- Piston pins and retainers are included – for convenience and value
- Duro-viton and duro-silicone liner O-rings
- Dual keystone
- Moly-faced compression rings

*Hyper Pistons for  
John Deere® 6076 & 6081 Engines.*



# Better Starting, Better Performance And Enhanced Engine Life

RELIANCE™

Hyper-formance Overhaul Kits offer design features found in the latest, most modern engines. They are exclusively from Reliance and are available for a large range of John Deere engines.

## LINERS DESIGNED FOR OPTIMUM WEAR RESISTANCE AND LONG LIFE

Hyper-formance cylinder kits include induction hardened cylinder liners. Induction-hardened liners are designed to be more wear resistant for long engine life even in the most demanding applications. Also, Hyper-formance cylinder kits include compression enhancements for improved starting.

## THE BEST KITS AND THE BEST VALUE

With induction-hardened liners, anodized piston crown and coated piston skirts, moly-faced piston rings, duro-viton and duro-silicon liner o-rings, a Hyper-formance Engine Kit provides the best wear resistance and longer engine life.

- Ring sets used in most Hyper-formance cylinder kits feature flame-sprayed molybdenum compression rings for maximum wear resistance and long engine life. For turbocharged engines, Hyper-formance cylinder kits include dual keystone flame-sprayed molybdenum compression rings.

- Liner o-rings are all of duro-viton and duro-silicon material for long life. These materials cost a little more, but premature engine failures from low-cost substitutes cost engine owners a lot more!
- All Hyper-formance piston pins are cold treated at temperatures below -120° F for improved strength, enhanced dimensional and structural stability, and maximum stress relief. The result is the best possible wear resistance and longer engine life.

## PEACE OF MIND WARRANTY –

All Hyper-formance Overhaul Kits are backed with a 2-year warranty.



### Cylinder Kit

High compression, 1.375" piston pin diameter, no o-ring grooves on sleeve – Part# NRE53322



# Premium Quality Engine Kits

RELIANCE™

## **HYPER-FORMANCE™** overhaul kits

PART #	DESCRIPTION	ENGINE
RP1294	Inframe Kit	6076T, A, H – (ESN 499, 999)
RP1298	Major Overhaul Kit	6076T, 6076A (ESN 499, 999)
RP1299	Major Overhaul Kit	6076T, 6076A (ESN 500, 000)
RP1295	Inframe Kit	6081A, H
RP1300	Major Overhaul Kit	6081PT
RP1296	Inframe Kits	6081PT, H/C (ESN 199, 999)
RP1301	Major Overhaul Kit	6081PT (ESN 199, 999)
RP1297	Inframe Kit	6051PT, H/C (ESN 200, 000)
RP1302	Major Overhaul Kit	6081PT
RP716	Inframe Overhaul Kit	164D
RP719	Out-of-Frame Overhaul Kit	164D
RP717	Inframe Overhaul Kit	219D
RP720	Out-of-Frame Overhaul Kit	219D
RP718	Inframe Overhaul Kit	329D
RP721	Out-of-Frame Overhaul Kit	329D
RP729	Major Overhaul Kit	270 (Early)
RP730	Major Overhaul Kit	270 (Late)
RP731	Major Overhaul Kit	404D (Early)
RP732	Major Overhaul Kit	404D (Mid)
RP733	Major Overhaul Kit	404D (Late)
RP734	Major Overhaul Kit	404D (Early)
RP735	Major Overhaul Kit	404D (Late)
RP766	Major Overhaul Kit	466T, A (Early)
RP767	Major Overhaul Kit	466T, A (Late)

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800.342.2545 | [www.ReliancePowerParts.com](http://www.ReliancePowerParts.com)

# Choose the Overhaul Kit that Offers the Best Performance Over the Expected Life of Your John Deere Diesel Engine

## **HYPER-FORMANCE™** overhaul kits

### All Hyper-formance Overhaul Kits Include:

- Compression-enhanced, hard anodized crown and coated skirt for added structural integrity, long life and improved engine starting.
- The hardened crown and coated skirt offer the absolute highest level of wear resistance in even the most demanding applications.
- Hyper silica aluminum casting pistons adds more wear resistance.
- Dimensionally equivalent to our current high rings NRE60294 and NRE64509

**Cylinder Kit**  
Hyper-formance –  
Part# NRE60294

**Cylinder Kit**  
Hyper-formance –  
Part# NRE64509



**Major Overhaul Kit**  
Hyper-formance –  
Part# RP731

### Kit Components:

- Main Bearing Set
- Piston Pin Bushings
- Rod Bearings
- Cylinder Kit
- Overhaul Gasket Set
- Front Crankshaft Seal & Sleeve
- Camshaft Plug
- Camshaft Bearing
- Connecting Rod Bolt
- Rear Crankshaft Seal & Sleeve

**Contact Reliance Today  
To Improve Engine Performance on John Deere Repairs**