100% New Power Assembly
Reduced Oil Consumption
Longer Product Life Cycle

RETAINER BOLT
BEARING RETAINER
INSERT BEARING
PISTON CARRIER
CARRIER SNAP RING
PISTON PIN

ROCKING PIN CARRIER DESIGN
used with turbocharged engines and available for root blown engines
**PLATEAU HONED LINERS**
- Reduced oil consumption and PM
- Laser Hardened Upper Bore

**Hardened upper ring groove significantly reduces ring groove wear**
- Tin plated skirt aids lubrication during break in and reduces scuffing tendencies
- Slipper surface is micropolished to reduce wear of the fishback bearing
- Increased radius at the toe end reduces bearing failures
- Low oil consumption rings for less smoke & lower Particulate Matter
- Pre-stressed stainless steel top ring for durability

**IMPROVED LINER STUD BOSSES REDUCE BORE DISTORTION**
- Precision laser hardening process provides extended power assembly life

**RADIAL FLOW HEAD**
Radial flow improves cooling, adds uniform stress characteristics, and reduces or eliminates cracking
- Standard use of through hardened valve guides which resists wear and aids in prolonging valve life

**PREMIUM PISTON**
- Hardened upper ring groove significantly reduces ring groove wear
- Tin plated skirt aids lubrication during break in and reduces scuffing tendencies

**BLADE ROD**
- Slipper surface is micropolished to reduce wear of the fishback bearing
- Increased radius at the toe end reduces bearing failures

**FORK ROD**
- Increased radius at beam to basket reduces fatigue cracking
- Stiffer rod at pin end reduces twist and bend

**RING SET**
- Low oil consumption rings for less smoke & lower Particulate Matter
- Pre-stressed stainless steel top ring for durability

**FLAT HEAD VALVE**
The new Flat Head Valve reduce valve & head seat wear
- To further reduce valve & head seat wear, we also offer Valve Rotators

**CHECK OUT OUR ECONOMY LINE OF N.LIFE POWER ASSEMBLIES, COVERING ALL YOUR BASIC POWER ASSEMBLY AND SINGLE PACK REPLACEMENT NEEDS.**

NRE products are changing the industry standards with dependable power assembly components and service.