



PTR POWERHEAD SUZ LT 500R (1987-90)

PH-2587

PTR POWERHEAD - 1987 LT 500R (6-Stud)

PH-2500

PTR POWERHEAD - 1988-90 LT 550R (7-Stud)

Following are some helpful instructions to help ensure your enjoyment and success with our fine product.

1. Remove plastics, fuel tank, headstay. Drain coolant from engine (make sure machine is cool) remove radiator hose from cylinder head. Remove cylinder head.
2. Clean gasket surface on cylinder thoroughly. You may do this by using a razorblade or small pocketknife to scrape away old gasket material. *Make sure not to scar gasket surface or drop any debris into cylinder.
3. Install new headgasket. If headgasket is of paper/fiber design(OEM gaskets are this type), apply a thin coat of grease to both sides. If gasket surfaces are clean, no sealer of any type is required. It is recommended to use an OEM headgasket whenever possible.
NOTE 1: Suzuki LT 500 headgaskets are directional. If installed backwards, severe engine damage will occur. Consult OEM shop manual for more information regarding proper installation.
4. Apply a thin coat of oil on O-Rings on top of compression dome. Insert compression dome in POWERHEAD, making sure to line the spark plug hole up to point towards the left hand side of the machine above the stator cover. (Same location as stock)
5. Torque head to 21 ft. pounds. Do this in a criss-cross pattern in 5 ft. pound graduations
6. Re-install waterhose. Refill engine with fresh coolant/water mix.
7. Install fuel tank and start machine. Let machine idle for 5 minutes. Let machine cool for 10-15 minutes and recheck coolant. Re-install plastics and go riding.
8. '87 model installs the same as the '88-'90 models. Except the '87 model only has (6) cylinder head studs

NOTE 2: Jetting must be checked if engine compression has been changed.

NOTE 3: Race Fuel may be required with certain domes. Call a DRI Technician with any questions.

Package includes:

- (1) PTR POWERHEAD
- (1) Compression Dome
- (4) Dome-POWERHEAD O-Rings (2 for assembly, 2 spare)
- (7) Copper Washers 8mm
- (7) Acorn style cylinder head nuts
- (1) Instructions Sheet
- Decals

****CONTINUED ON REVERSE****

The **POWERHEAD** offers you a large array of compression dome options for your various power needs and altitude changes. If you have any question on what compression you machine should have for your various applications or need jetting or fuel recommendations, please contact a **DUNCAN RACING** technician at **(619) 258-6306**, Tuesday thru Friday, 9:00 am to 5:00 pm PST.

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