



DRI PYRAMID REED VALVE INSTALLATION INSTRUCTIONS

Models: '85-'86 Honda ATC 250R
'86-'89 Honda TRX 250R
'87-'92 Suzuki LT 250
'87-'90 Suzuki LT 500
'87-Present Yamaha Blaster

1. Remove carburetor.
2. Remove bolts securing stock reed valve and intake manifold.
3. Remove reed valve and intake manifold.
4. Clean gasket surface on intake manifold and reed surface on cylinder.
5. Apply a thin layer of grease to new intake gaskets*; there should be a gasket between cylinder and Pyramid reed valve.

All models accept the 1985-86 ATC 250R and 1986 TRX 250R do not use a gasket between the Pyramid reed valve and the intake manifold. On these models it is recommended to use a fine coat of hi-temp silicone between Pyramid valve and intake manifold.

The '86 TRX 250R require the OEM intake B gasket between the Pyramid reed valve and the intake manifold.

DRI recommends using OEM intake manifolds (in good or new condition) with all Honda and Suzuki's.

It is not recommended to use any type of reed spacer with Pyramid reed valves.

**Gaskets are not included.*

6. Install gaskets on PYRAMID valve and intake manifold, install in cylinder.
Suzuki LT 250 and LT 500 models require and intake manifold modification.
See "Intake Manifold Modification" tech sheet for special intake manifold modification instructions.
7. Screw in original OEM reed bolts and tighten with fingertips.
8. With and accurate torque wrench, torque the reed bolts in a criss cross pattern. First to 0 ft/lbs, second to 5 ft/lbs and finally to 10 ft/lbs.
****IMPORTANT: Your new PYRAMID valve and intake manifold must be torqued in the graduation stated in step #8. If this step is not followed correctly, damage may occur to you new PYRAMID valve and intake manifold or possibly cause an air leak, which may result in engine damage.*
9. Pressure check engine for air leaks.
****See "2-Stroke Pressure Testing" tech sheet for more information.*
10. Reinstall carburetor.
11. A note on jetting. If you machine was jetted correctly before installation of the PYRAMID valve there should be no need to change your jetting. But we recommend the jetting be checked.
12. Enjoy your new PYRAMID Reed Valve and feel free to contact us with any questions.
13. Note If Yamaha Blaster or Banshee Pyramid reed valves are being used in conjunction with a Master Flow Intake manifold, it will be necessary to remove the flow plate in the Master Flow. Call DRI for details.