

# **RACE TECH SHOCK REBOUND SEPARATOR VALVES**

The Race Tech Shock Rebound Separator valve replaces the OEM Shock Shaft Nut with an asymmetric valve that provides a different flow rate in each direction of travel.

The Rebound Separator Valve can be use for both Dirt and Street applications.

On standard shocks, the Low-Speed Rebound Adjuster flows the same for compression and rebound. **With the stock setup, testing shows that when the lowest speed rebound damping is quick enough to get good traction, the lowest speed compression damping is way too mushy.**

- In Dirt the Rebound Separator Valve solves the vague feeling as well as bottoming on long duration hits like big dips or gullies.
- For Pavement the Rebound Separator Valves have the added benefit of **pitch control** (front to back movement during acceleration and braking). This keeps geometry more consistent.



Special thanks to Terry Hay of Australia's Shock Treatment for the design.

## **Race Tech Rebound Separator Valves**

<b>Part Number</b>	<b>Thread and Stock Bleed Size (bleed may be drilled)</b>
SMRS 07075	M7x.75 - No Bleed
SMRS 0912500	M9x1.25 - No Bleed
SMRS 1212500	M12x1.25 - No Bleed
SMRS 1212515	M12x1.25 - 1.5mm
SMRS 1215000	M12x1.5 - No Bleed
SMRS 1215000Y	M12x1.5 - Travel Limited YZ - No Bleed
SMRS 1215015	M12x1.5 - 1.5mm
SMRS 1215015Y	M12x1.5 - Travel Limited YZ - 1.5mm
SMRS 1610000	M16x1.0 - No Bleed
SMRS 1612500	M16x1.25 - No Bleed