RAMP CONTROL *PRO* FOR RS 35mm FORKS CARTRIDGE INSTALLATION



TOOLS NEEDED:

- Chamfer-less 6 point 24mm socket and wrench
- 11mm socket
- Cassette lock-ring tool (Park Tool FR-5 or equivalent)
- Small amount of MRP seal grease or equivalent lubrication

ATTENTION:

If air pressure is not released from fork before upgrade cartridge installation, injury or damage to fork may occur!

1) Release all air pressure from the air spring by depressing the Schrader valve core on the air leg of the fork. To ensure all air is release from both chambers cycle the fork 2-3 times and depress the valve core again.
2) After air pressure is released, use a 24mm socket to remove existing air spring top cap.

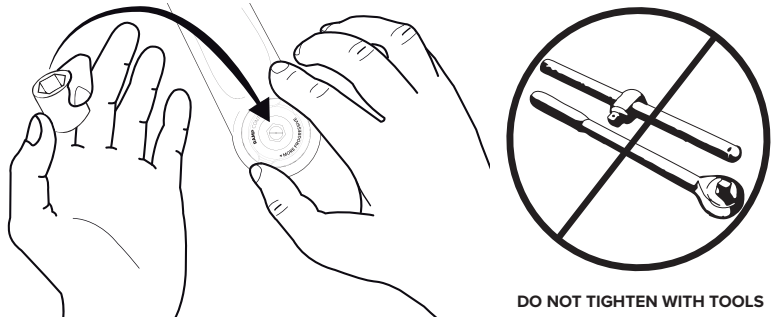
Before proceeding, install all desired Huck Pucks onto the Ramp Control Pro cartridge. The installation of Huck Pucks reduces the volume of the positive air spring and thereby changes the overall spring curve. Use up to a 4mm hex key or something of similar diameter inserted into the side of the pucks to tighten or loosen the pucks. Tighten any installed pucks onto the bottom of the top cap snugly so they do not come loose over time.

Because you're able to adjust high-speed bottom-out support with the Ramp Control adjustment, Huck Pucks are best used to tune tune-out undesirable fork dive under deep, low-speed compression events like g-outs and steep feature transitions. Check the maximum allowable Huck Puck stack for your particular fork at MRPbike.com and always double-check that the pucks are not contacting the air-spring piston at bottom out by testing your un-inflated fork after assembly.

3) Remove the dust cap from the cartridge to access the lock nut.
4) Use the 11mm socket to remove the lock nut and allow for removal of the Ramp Control knob and access to the cassette tool interface.
5) Lightly grease the O-ring on the cartridge top cap, taking care to keep grease off of the threads.
6) Insert the cartridge into air leg and tighten using cassette tool. Tighten top cap to 28 Nm (250 in-lb) for Pike, Lyrik, Yari, or to 7.3 Nm (65 in-lb) for Boxxer.
7) Insert the Ramp Control knob into the top cap ensuring that the hex is fully seated in the cap.
8) Tighten lock nut **by hand**, while holding Ramp Control knob, using an 11mm socket.

IMPORTANT: ***FAILURE TO HOLD RAMP CONTROL KNOB WHILE TIGHTENING HEX AND SURPASSING 2 Nm OF TORQUE WILL RESULT IN DAMAGE.***

9) Before re-inflating, cycle the fork to make sure it is bottoming-out in the same location as it was before the Ramp Control Pro cartridge was installed. **Contact between the air-spring piston and Huck Pucks can occur if the maximum allowable Huck Puck stack is exceeded for your particular fork. Damage to the fork or injury could occur if this contact happens!**
10) Re-inflate your fork and install dust cap.



ATTENTION:

For any service activities that entail removal of lowers or ramp control cartridge, you must turn the ramp control adjustment to the full open position to relieve all air pressure from the spring.

IMPORTANT CONSUMER SAFETY INFORMATION

WARNING: RIDING A BIKE IS DANGEROUS. NOT PROPERLY MAINTAINING OR INSPECTING YOUR BIKE AND ITS COMPONENTS IS EVEN MORE DANGEROUS. IT IS ALSO DANGEROUS TO NOT READ AND FOLLOW THESE INSTRUCTIONS.

1. DO NOT PERFORM ANY MODIFICATIONS OR ADJUSTMENTS THAT ARE NOT OUTLINED IN THIS MANUAL.
2. MRP RECOMMENDS THAT YOU WEAR PROPER SAFETY EQUIPMENT EVERY TIME YOU RIDE, INCLUDING AN APPROVED BICYCLE HELMET. NEVER RIDE AT NIGHT WITHOUT LIGHTS.
3. ALWAYS USE GENUINE MRP PARTS. USE OF AFTERMARKET REPLACEMENT PARTS AND UPGRADES VOIDS ANY WARRANTY AND COULD CAUSE STRUCTURAL FAILURE.

MRP HIGHLY RECOMMENDS THAT YOU HAVE YOUR RAMP CONTROL CARTRIDGE INSTALLED BY A PROFESSIONAL MECHANIC AT YOUR FAVORITE LOCAL BIKE SHOP. IF YOU HAVE ANY DOUBTS ABOUT HOW TO INSTALL THIS UPGRADE, TAKE IT TO A BIKE SHOP. YOU'LL BE GLAD YOU DID.