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Part # 14085402
04-11 Yamaha Rhino Rear DA Shockwaves

Shockwave Assembly:

2	21259999	5" stroke double adjustable shock
2	21190799	4" diameter bellow assembly
2	90001682	1.5" eyelet
2	90002278	Cellular internal bump stop
4	90001686	.625" bearing
4	90001900	Bearing snap ring

Components:

2	90002322	Wide bearing spacer - rear lower bracket
2	90002323	Narrow bearing spacer - rear lower bracket
4	90002268	Bearing spacer
2	31954201	1/4" npt x 1/4" tube 90 degree airline fitting
1	31940002	30' roll of 1/4" DOT airline
1	31954400	1/4" airline T fitting
1	31957005	Inflation valve

SHOCKwave[®]

by Air Ride Technologies

Rhino Front Shockwave Installation Instructions

1. Park the vehicle on a solid level surface. Raise the vehicle high enough to get the wheels off the ground then support the frame on jack stands for safety.
2. Next remove the front wheels to allow for easier access to the front suspension components.
3. Once the wheels are removed you can now remove the two bolts that hold the coil over shock to the lower control arm and frame. After the bolts are removed you can also remove the coil over shock from the suspension.



4. With new Ridetech Shockwave in hand insert the spacers into the upper and lower eyelet of each Shockwave. The upper eyelets will use the 4 spacers that are all the same size. For the lower eyelets use the spacers that are different sizes from each other. The wider spacer installs towards the axle shaft to create more air spring clearance. This will also allow the re-use of the factory hardware to reinstall the new units.

5. Place the new Shockwave into the upper and lower shock mounts and reinstall the factory coilover bolts.

6. Using part# 31954201 air fitting, apply thread sealant to the threads and install into the fitting port on the top end of the Shockwave. Tighten with a 9/16 wrench.



7. When routing the air lines be sure to keep them tucked up out of the way of moving parts and always use a straight edge razor or tubing cutter to make clean cuts before plugging them into the fittings.

8. Once you have the Shockwaves installed and the air lines connected you can put the wheels back on and set it back on the ground.

9. This kit is designed to retain the factory ride height, when inflating the Shockwaves put enough air in them to achieve a ride height of 15" measured as the center to center distance between the two attachment bolts. From there you can make adjustments to the air pressure to achieve the ride quality you are looking for.