

D-AXIS
BY DRIVEN RACING USA



PART#: DRP-514 (APRILIA RSV4/R/FACTORY)
INSTALLATION INSTRUCTIONS

DRIVEN PERFORMANCE PRODUCTS
WWW.DRIVENRACING.COM
866-5-DRIVEN

NOT INTENDED FOR USE ON PUBLIC ROADS



FOR OFF ROAD/RACE USE ONLY!



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INSTALLATION INSTRUCTIONS**

THIS PRODUCT TO BE INSTALLED BY A CERTIFIED TECH*

TOOLS REQUIRED



- 8mm hex key
- 6mm hex key
- 5mm hex key
- 4mm hex key
- 8mm end wrench
- 10mm end wrench (for shift & brake rod jam nuts)
- 3/8" end wrench (for new shift & brake rods)
- blue (#242) Loctite
- anti-seize lubricant

TORQUE SPECS AND INFO

- M10x1.5 – 55ft-lb (660in-lb)
 - M8x1.25 – 20ft-lb (240in-lb)
 - M6x1.0 – 13ft-lb (156in-lb)
 - M5x0.8 – 5ft-lb (60in-lb)
- OEM height set at the lowest forward mounting hole with the foot peg set at the zero position.

USE BLUE LOCTITE ON ALL MOUNTING BOLTS!

1. Remove the bolt from the gear shifter at the shift shaft and remove gear shifter.
2. Remove the stock footrest assemblies from both sides of the bike.
3. Rotate the spring steel c-clamp retainer portion of the master cylinder clevis pin away from the clevis, then remove the pin.
4. Unbolt the master cylinder from the footrest bracket and remove the brake return spring and the upper and lower brake return spring fixing pins.
5. Remove the exhaust hanger grommet and steel guide bushing from the OEM footrest bracket.
6. Install the brake return spring fixing pins into the new right side frame bracket and the brake pedal.
7. Install the master cylinder onto the frame bracket using the OEM mounting hardware.
8. Adjust the brake pedal stopper to set the desired pedal height, then adjust the master cylinder pushrod/clevis assembly until it has the proper (1.5mm-2mm) freeplay and then tighten the locknut and snap the clevis pin retainer into position.

IF THE MASTER CYLINDER PUSHROD IS IMPROPERLY ADJUSTED IT WILL CAUSE UNWANTED BRAKE ACTUATION, POSSIBLE REAR WHEEL LOCKUP, AND BRAKE SYSTEM DAMAGE!!!

9. Install the return spring onto the two fixing pins. (SEE FIG. 1)
10. Install the OEM rubber grommet into the new exhaust hanger along with the steel guide bushing. (if using stock exhaust mounting location)
11. Install left and right frame brackets using the OEM mounting hardware.
12. Install footpegs onto footrest brackets and adjust eccentric units to desired location, noting index marks.
13. Install the new shift rod assembly onto the new gear shift arm.
14. Bolt the other heim joint to the inside of the shifter. (leave jam nuts loose)
15. Install the left footrest bracket assembly in the desired mounting position.
16. Install gear shift arm on shift shaft in a position that provides parallel geometry to the shifter's mounting ear and install and tighten pinch bolt.
17. Adjust shift rod to attain desired shifter/footpeg height.
18. Tighten heim joint jam nuts to finalize shifter height.
19. Install the right footrest bracket assembly in the desired mounting position.
20. Install the included exhaust bolt into the original aluminum escutcheon and through the exhaust hanger, with the included flange nut going on the backside.
21. Check torque on all mounting bolts before riding, and again after approximately 20-50 miles to verify.
If reverse (GP) shifting is desired, remove bolt from gear shift arm and rotate the arm 180°, then reinstall arm and bolt.

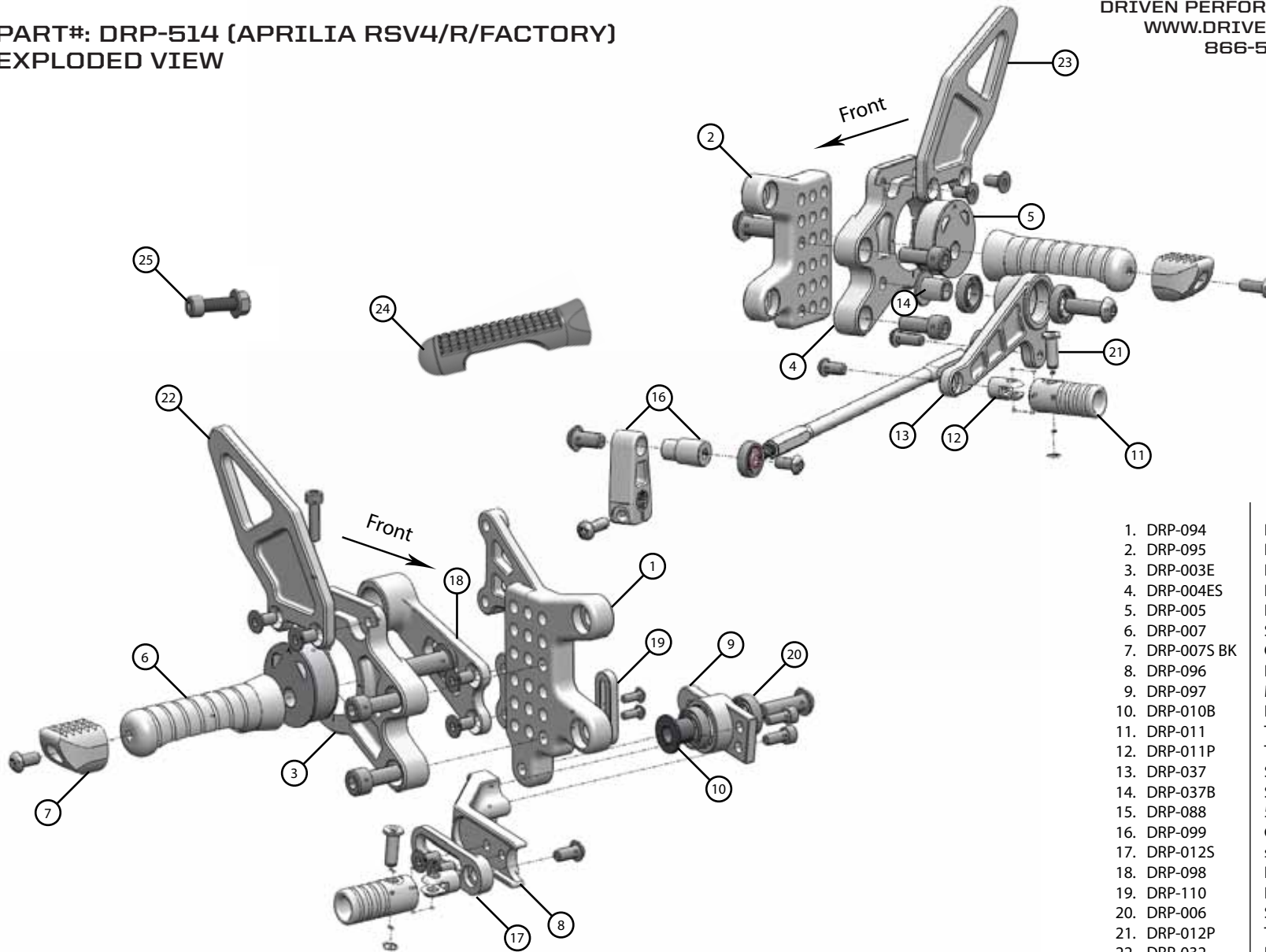
Note: Be sure to secure original brake lamp switch out of the way of any possible entanglement. If rear brake lamp activation is desired, a banjo bolt-type pressure switch will need to be acquired from your local dealer.

Note: All footrest bracket mounting positions will not be available with stock exhaust due to footrest bracket interference with the exhaust hanger in the lowest and rearmost positions.

USE ANTI-SEIZE ON UNDERHEAD OF COUNTERSUNK BOLTS

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EXPLODED VIEW

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|----------------|-------------------------------|
| 1. DRP-094 | Right side frame bracket |
| 2. DRP-095 | Left side frame bracket |
| 3. DRP-003E | Right side footrest bracket |
| 4. DRP-004ES | Left side footrest bracket |
| 5. DRP-005 | D-Axis eccentric (2 pcs) |
| 6. DRP-007 | Street foot peg |
| 7. DRP-007S BK | Optional foot peg slider |
| 8. DRP-096 | Brake pedal extension |
| 9. DRP-097 | Master cylinder activator |
| 10. DRP-010B | Brake pedal bushing |
| 11. DRP-011 | Toe peg (2 pcs) |
| 12. DRP-011P | Toe peg pivot (2 pcs) |
| 13. DRP-037 | Shifter pedal |
| 14. DRP-037B | Shifter pedal bushing |
| 15. DRP-088 | 5.7" shift rod |
| 16. DRP-099 | Gear shift arm assembly |
| 17. DRP-012S | sliding toe peg adjuster |
| 18. DRP-098 | Exhaust hangar bracket |
| 19. DRP-110 | Brake pedal stopper |
| 20. DRP-006 | Sealed bearing (4 pcs) |
| 21. DRP-012P | Toe peg clevis pin (2 pcs) |
| 22. DRP-032 | Right side heel guard |
| 23. DRP-030 | Left side heel guard |
| 24. DRP-007R | GP Style footpeg |
| 25. -----> | 25mm bolt and nut (M8 x 1.25) |