

Roto-Plate Assembly Instructions

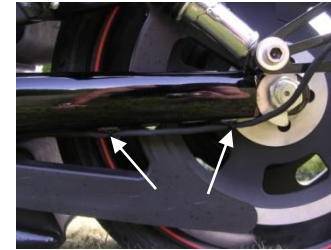
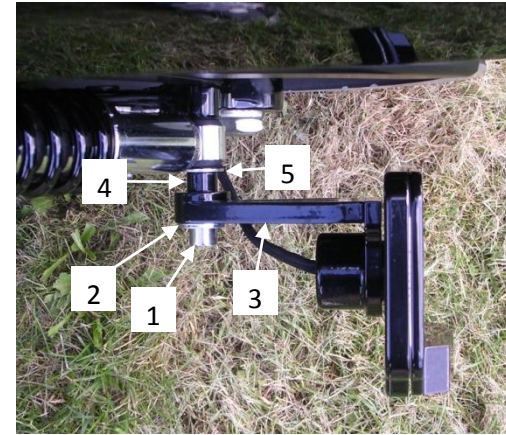
Harley-Davidson V-ROD Kit

TOOLS REQUIRED:

TORQUE WRENCH
5/16" ALLEN WRENCH
9/64" ALLEN WRENCH
THREAD LOCTITE

INSTALLATION:

1. Jack rear tire off ground to remove weight from shock.
2. Remove factory lower shock bolt and Washer.
3. Pre-Assemble Replacement Bolt (1), Washer (2), Roto-Plate (3), Spacer (4) and Factory Washer (5) in order mentioned.
4. Slide Replacement Bolt (1) through lower shock and tighten until snug.
5. Position Roto-Plate to desired angle of display.
6. Rotate Roto-Plate to confirm proper clearances are achieved.
7. Before completely tightening Roto-Plate, confirm desired angle of display (tilt) and proper clearance when rotating from horizontal to vertical orientations.
8. Secure Roto-Plate by tightening Replacement Bolt (1) to original factory torque specification.
9. To prevent further movement, tighten anti-rotation set screw on Roto-Plate Side Arm at location under Shock Bolt (1) to 26-28 IN-LBS. Use of Loctite is not required as set screw has nylock thread lock.
10. Solder any additional wire lengths required to reach factory harness.
11. Cover all soldered wire with heat shrink to prevent shorting.
12. It is recommended that all wires be covered with a wire wrap to gather individual wire and prevent damage.
13. Wire wrap or conduit should be inserted completely inside center pivoting pin of Roto-Plate.
14. It is recommended that Wire Tie-Wrap Blocks be used to secure wire under swing arm.
15. Route wire under swing arm. Route up towards tank just before guard mounting post, as shown.
16. Route wires along gas tank into factory wire loop up to seat compartment as shown.
17. Removal of rear seat may be required to access proper location to splice into factory harness.
18. Identify and connect Roto-Plate wires to factory harness.
19. Roto-Plate wiring color codes are as follows: Black=Ground, Red =Running lights, Blue=Brake light
20. Solder and heat shrink is recommended for all connections to Roto-Plate wire and motorcycle harness.



Route up to tank



Tie-Wrap Block



Factory wire loop



Route and connect to Factory Harness



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