TOOLS REQUIRED:
TORQUE WRENCH
5/32", 5/16", 9/64" ALLEN WRENCH
THREAD LOCTITE

INSTALLATION:
1. Using screws (1), assemble side arm (2) to Roto-Plate (3). **NOTE: USE OF LOCTITE IS NOT REQUIRED. SCREW IS PROVIDED WITH LOCKING NYLON PATCH ALREADY ON THREAD.** Torque all three screws (1) to 70 IN-LBS.
2. Separate two halves of Clamp by removing two screws (8).
3. Test fit location on Swing Arm where clamp will fit without interfering with other parts of motorcycle, such as belt guard or drive pulley.
4. Once location has been determined, if needed, utilize optional sleeve (9) to achieve the desired fit between the Swing Arm Tube and the Clamp.
5. Fasten Clamp halves with two screws (8). Torque to 26-28 IN-LBS. Use of Loctite is recommended.
6. **NOTE: OVER TIGHTENING OF SCREWS (3) COULD CAUSE FASTENER FAILURE AND RESULT IN DAMAGE TO ROTO-PLATE. NOTE: CLAMP MAY CAUSE PERMINATE MARKING OR GROOVING WHEN CLAMP IS TIGHTENED OVER SWING ARM.**
7. Fasten Roto-Plate to clamp kit by placing with flat washer (4) onto screw (5).
8. Insert screw (5), washer (4) assembly through side arm bracket hole of Roto-Plate.
9. Thread screw (5) into clamp, do not tighten completely yet. **Use of Loctite is recommended.**
10. Before completely tightening Roto-Plate into place, confirm desire angle of display (tilt) and proper clearance when rotating from horizontal to vertical orientations.
11. Secure Roto-Plate completely once desired position is achieved. Torque to 56-58 FT-LBS.
12. To prevent further movement, insert tighten anti-rotation set screw (6) into side arm (2) and torque to 26-28 IN-LBS. **NOTE: USE OF LOCTITE IS NOT REQUIRED. SCREW IS PROVIDED WITH LOCKING NYLON PATCH ALREADY ON THREAD.**
13. Route all wiring through hollow pivot shaft of Roto-Plate. Wire lights as follows:
14. **FOR ROTO-PLATE MODEL:** Black=Ground, Red=Running lights, Blue=Brake light
15. **FOR ROTO-PLATE JR MODEL (w/OPTIONAL LED FRAME):** Black=Ground, White=Running lights
16. Use of a wire wrap or conduit is recommended and should be inserted completely inside center pivot shaft of Roto-Plate. **NOTE: CARE SHOULD BE TAKEN TO PREVENT WIRE WRAP AND WIRING FROM BEING TOO TIGHT AROUND SNAP RING ON INSIDE OF ROTO-PLATE. SNAP RING FAILURE COULD RESULT IN ASSEMBLY FAILURE AND DAMAGE TO ROTO-PLATE.**
17. Solder and heat shrink is recommend for all connections to Roto-Plate wires and motorcycle harness.