

## Addendum 9: Actuator Support Installation on a QUADRAX PLOW

### Adapter Plate: Part Number 1040

1. Disconnect the plow from the ATV at the push tube assembly, per the manufacture's instructions.
2. Tip plow to gain access to the underside of the plow angle adjustment assembly.
3. Disconnect the auto-lock cable from the auto-lock handle.
4. Remove the positioning support bracket and disassemble.
5. As shown on page 3, KEEP the spring, (1) 3/8" washer, auto-lock stop, 5/8-11x1.5" bolt, 5/8-11 Nylock nut, 5/8" washer, and 3/8" I.D.x1/4" long spacer. DISCARD all other parts.
6. As shown on page 2, remove the hinge bolt (5/16-24x2.5") on the actuator support. Replace the 5/16" I.D. plastic spacer with the new blade positioning arm and (2) 3/16" thick spacers.
7. As shown on page 5, attach the new auto-lock handle and the auto-lock stop to the new auto-lock bracket using (1) 5/16-18x1.5" bolt, (1) 5/16-18x1.25" bolt, (2) 5/16" washers, 5/16" 3/8" I.D.x3/4" long spacer, 3/8" I.D.x1/4" long spacer, and (2) 5/16-18 Nylock nuts.
8. As shown on page 5, place the assembled auto-lock bracket on the adapter plate, aligning the holes in the auto-lock bracket with the holes on the left side of the adapter plate.
9. Remove the (4) 3/8-16x1.5" bolts on the actuator support angles.
10. As shown on page 5, secure the assembled actuator support to the adaptor plate using (4) 3/8-16x1.5" bolts and (4) 3/8-16 Nylock nuts removed in step 9.  
*Note: Bolts must be installed thru the underside of the adaptor plate with (2) jam nuts on the top left of the adaptor plate.*
11. Attach the spring (removed in step 4) between the adaptor plate and the blade positioning arm.
12. Attach the auto-lock cable to the hook in the auto-lock handle.
13. As shown on pages 4 and 5, install the actuator support / adaptor plate assembly using 5/8"-11x1.5" bolt, 5/8" washer, and 5/8-11 Nylock nut.
14. As shown on pages 4 and 5, place (2) wedged spacers and 3/8" washer between adaptor plate and the blade positioning assembly.
15. Secure the assembled actuator support / adaptor plate to the plow angle adjustment assembly using 3/8-16x2" bolt and 3/8-16 Nylock flange nut.
16. Reconnect the plow to the ATV and install the actuator as discribed in step "C" of the instructions.

Adapter Plate Part Number 1040







