ADDENDUM

IDLE CABLE ADJUSTMENT

WARNING

Do not operate Cruise Control unless idle cable equipped with functioning Throttle Roll-off Switch is installed.

WARNING

Do not operate motorcycle if throttle function is impeded in any way. Throttle must be able to fully close when throttle hand control is released.

IMPROPER THROTTLE OPERATION MAY RESULT IN PROPERTY LOSS, BODILY INJURY OR DEATH!

Refer to service manual for throttle and idle cable adjustment. Once throttle and idle cable have been adjusted according to the service manual, complete the following procedures to ensure correct function of the throttle roll off switch.

1. Remove rear inner fender. Refer to service manual for proper procedure.

2. Unplug 10-place female Packard electrical connector from cruise control unit (lifting locking tab and pull Packard connecter from cruise unit) Place leads of an ohm meter (or other continuity tester) across violet wire and orange wire with violet stripe on 10-place Packard connector (of cruise control wiring harness, CCWH). Roll throttle from close to wide open and back a few times, and verify that the roll-off switch is open (no continuity) when throttle goes through its full range of motion. If at any point, the switch closes (there is continuity), continue on to step 3. If not, skip to step 5.

3. If the switch closed in the above step at any point while moving the throttle (there was continuity), loosen idle cable until there is slack in the cable. If there is continuity (the switch is closed), then the throttle roll off switch is not functional and the idle cable must be replaced or repositioned if it is binding somewhere.

4. If the switch is open (no continuity) when idle cable has slack in it, then tighten idle cable adjustment until there is approximately 1/16 inch of free play in the outer diameter of the throttle hand control.

5. At this point, with no pressure on the throttle, the roll-off switch should be open (no continuity). Lightly rotate the throttle hand control to the closed position (top forward). The ohm meter/continuity tester should now indicate continuity. If the tester does not indicate continuity tighten the idle cable slack adjustment slightly while rotating the hand throttle control to the throttle closed position until tester indicates continuity. There must be *some* slack at the hand throttle control when released, but not too much slack, such that the roll-off switch does not function. If the tester still does not indicate continuity when pressure is put on the throttle hand control (closing the throttle), the throttle roll-off switch may not functioning properly and either the idle cable will have to be replaced or there may be a wiring fault which needs to be corrected. Move tester leads from 10-place female Packard connector to terminals directly on the throttle roll off switch and repeat above tests to check for wiring faults.

6. Lightly rotate the throttle hand control to the throttle closed position and maintain pressure on throttle control while moving handle bar through full range of motion (right and left). Using ohm meter or continuity tester between original pins on 10-place female Packard connector, verify that continuity exists in all positions, and doesn't exist when pressure is taken off throttle hand control.

7. Verify that throttle hand control returns freely to idle position from fully open throttle position when handle bar is in left-most, centered and right-most positions. If hand control does not return freely in any of these positions, loosen idle cable adjustment slightly and repeat steps 5 through 7.

8. Remove tester from Packard connector on CCWH and reinstall connector onto the cruise unit, verifying that it locks in place.

9. Reinstall rear inner fender. Refer to service manual for proper procedure.