



## QUALITY CONTROL CHECKLIST

VIN #: \_\_\_\_\_

Model: \_\_\_\_\_ Paint Code: \_\_\_\_\_ Color: \_\_\_\_\_

Graphic Description: \_\_\_\_\_

Motor #: \_\_\_\_\_ Transmission #: \_\_\_\_\_

Complete Date: \_\_\_\_\_ Inspected By: \_\_\_\_\_

## BODY FIT & FINISH

1. Verify paint is free of all defects and imperfections i.e. Scratches, Color match, Razor cuts, Fish Eyes etc.

Pass \_\_\_\_\_ Fail \_\_\_\_\_ Approved By: \_\_\_\_\_

2. Inspect all chrome for overall shine and brilliance. Any imperfections must be signed off before the bike proceeds.

Pass \_\_\_\_\_ Fail \_\_\_\_\_ Approved By: \_\_\_\_\_

3. Inspect fitment of all sheet metal i.e. Gas tank alignment, Front and Rear fenders, Oil bag are free of scratches.

Pass \_\_\_\_\_ Fail \_\_\_\_\_ Approved By: \_\_\_\_\_

4. Verify that the seat is free of rips and blemishes and the fit is correct.

Pass \_\_\_\_\_ Fail \_\_\_\_\_ Approved By: \_\_\_\_\_

5. Verify that the tire rotation is correct. Check axles for correct torque. Verify the Wheels and Tires are the correct style for this model. Note any special build changes.

Pass \_\_\_\_\_ Fail \_\_\_\_\_ Approved By: \_\_\_\_\_

Special Build Notes: \_\_\_\_\_

6. Inspect swing arm for correct fit and positioning. Verify that the pivot bolts are the correct torque. Verify that the rear fender has been notched to clear the swingarm.

Pass \_\_\_\_\_ Fail \_\_\_\_\_ Approved By: \_\_\_\_\_

7. Check alignment and torque of exhaust system. Verify the Pipes are the correct style for this model. Note any special build changes.

Pass \_\_\_\_\_ Fail \_\_\_\_\_ Approved By: \_\_\_\_\_

Special Build Notes: \_\_\_\_\_

8. Inspect adjustment of final belt. Deflection is to be 1/2" TOTAL up and down at 10 lbs. pressure.

Pass \_\_\_\_\_ Fail \_\_\_\_\_ Approved By: \_\_\_\_\_

9. Inspect braking system. Verify all connections are free of leaks. Hold pressure on levers and pedals for 10 seconds. Check brakes for correct shimming, fitment and lengths.

Pass \_\_\_\_\_ Fail \_\_\_\_\_ Approved By: \_\_\_\_\_

10. Inspect foot shift linkage and lever for correct height and adjustment.

Pass \_\_\_\_\_ Fail \_\_\_\_\_ Approved By: \_\_\_\_\_

11. Verify clutch is adjusted properly and cable has been lubed.

Pass \_\_\_\_\_ Fail \_\_\_\_\_ Approved By: \_\_\_\_\_

12. Verify that all handlebar related items are correct. i.e. Risers and Riser Cap are torqued, mirrors tight, controls are aligned, handlebars are in line with fork tubes.

Pass \_\_\_\_\_ Fail \_\_\_\_\_ Approved By: \_\_\_\_\_

13. Verify that all cables are correctly routed and secured.

Pass \_\_\_\_\_ Fail \_\_\_\_\_ Approved By: \_\_\_\_\_

**FLUID LEVELS**

14. Visually inspect all fluid levels.

Oil	(Torco 20W-50W with MPZ)	Full _____	Add _____
Transmission	(20 oz. 80W-90W)	Full _____	Add _____
Brakes	(DOT 5 Brake Fluid)	Full _____	Add _____

(Fill oil to just below the bottom of the fill neck, top off after initial running of the motor.)

**TIRE AIR PRESSURE**

15. Verify tire pressure in the front and rear tires.

Front \_\_\_\_\_ PSI  
 Rear \_\_\_\_\_ PSI

**CHARGING SYSTEM**

16. Verify that the charging system is in proper working order. Note check stator for grounding before primary components are installed.

Stator (Running) \_\_\_\_\_ VAC (38 – 52 @ 2000 RPM)  
 Battery (Running) \_\_\_\_\_ VDC (13.8 – 14.6 @ 2000 RPM)  
 Stator (pin to pin) \_\_\_\_\_ OHMS (.000 -.200)  
 Stator/Motor (pin to timing plug) \_\_\_\_\_ OHMS (1 or Infinity)

Battery Level needs to be at least 12.7 in order to start the motorcycle. Check before installation.

**LIGHTS/HORN**

17. Horn .....Pass \_\_\_\_\_ Fail \_\_\_\_\_  
 18. High/Low Beam .....Pass \_\_\_\_\_ Fail \_\_\_\_\_

- 19. Run/Kill Switch .....Pass \_\_\_\_\_ Fail \_\_\_\_\_
- 20. Left Turn/Running Light .....Pass \_\_\_\_\_ Fail \_\_\_\_\_
- 21. Right Turn/Running Light .....Pass \_\_\_\_\_ Fail \_\_\_\_\_
- 22. Brake Light (Hand & Foot) .....Pass \_\_\_\_\_ Fail \_\_\_\_\_
- 23. Key Switch (Operates Freely) .....Pass \_\_\_\_\_ Fail \_\_\_\_\_

**RIGHT SIDE**

- 24. Rear Brake Caliper Alignment (Rotor runs in center of caliper) .....Pass \_\_\_\_\_ Fail \_\_\_\_\_
- 25. Rear Caliper Bolts (3/8" @ 25 ft lbs • One Drop Red Loctite) Pass \_\_\_\_\_ Fail \_\_\_\_\_
- 26. Rear Caliper Banjo Bolt (9/16" @ 22 ft lbs • Teflon Tape).....Pass \_\_\_\_\_ Fail \_\_\_\_\_
- 27. Pivot Bar Bolt (1-1/8" @ 110 ft lbs • Blue Loctite) .....Pass \_\_\_\_\_ Fail \_\_\_\_\_
- 28. Exhaust Pipe Bolt to Bracket (1/2" NyLok snug).....Pass \_\_\_\_\_ Fail \_\_\_\_\_
- 29. Exhaust Bracket to Frame (9/16" @ 45 ft lbs • Red Loctite)..Pass \_\_\_\_\_ Fail \_\_\_\_\_
- 30. Rear Fender Bolts (3/8" @ 45 ft lbs • Blue Loctite).....Pass \_\_\_\_\_ Fail \_\_\_\_\_
- 31. Electronic Speedo Pickup (7/16" @ 10 ft lbs • Blue Loctite) ..Pass \_\_\_\_\_ Fail \_\_\_\_\_
- 32. Transmission Bolt Covers (3/16" Allen Snug • Blue Loctite) ..Pass \_\_\_\_\_ Fail \_\_\_\_\_
- 33. Transmission Oil (3/8" Allen Bike Upright Dipstick 1 turn in to check.)..Pass \_\_\_\_\_ Fail \_\_\_\_\_
- 34. Oil Bag (Remove Cap and Check Oil).....Pass \_\_\_\_\_ Fail \_\_\_\_\_
- 35. Oil Drain Hose Routing.....Pass \_\_\_\_\_ Fail \_\_\_\_\_
- 36. Rear Brake Line "T" Fitting Bolt (1/2" Snug • Blue Loctite) ...Pass \_\_\_\_\_ Fail \_\_\_\_\_
- 37. Exhaust Flange Bolts (1/2" @ 7 ft lbs).....Pass \_\_\_\_\_ Fail \_\_\_\_\_
- 38. Oil Lines Routing (Verify away from Pipes) .....Pass \_\_\_\_\_ Fail \_\_\_\_\_
- 39. Fwd Cntrls Foot/Shift Peg (9/16" @ 45 ft lbs • Blue Loctite) .Pass \_\_\_\_\_ Fail \_\_\_\_\_
- 40. Rr Brake Pedal (1/8" Play & Jam Nut Lk Bolts • Blue Loctite) Pass \_\_\_\_\_ Fail \_\_\_\_\_
- 41. Front Axle Pinch Bolt (3/16" Allen @ 12 ft lbs • Blue Loctite) Pass \_\_\_\_\_ Fail \_\_\_\_\_
- 42. Front Fender Bolts (Snug, Check Washer • Blue Loctite) .....Pass \_\_\_\_\_ Fail \_\_\_\_\_
- 43. Mirrors (Snug, Check Alignment • Red Loctite) .....Pass \_\_\_\_\_ Fail \_\_\_\_\_
- 44. Hand Controls (Tight, Check Alignment, Verify Travel) .....Pass \_\_\_\_\_ Fail \_\_\_\_\_
- 45. Throttle Cable Free Play (3/8" & 10mm, Tighten Jam Nuts) ..Pass \_\_\_\_\_ Fail \_\_\_\_\_
- 46. Throttle Return (Verify Operation from Wide Open) .....Pass \_\_\_\_\_ Fail \_\_\_\_\_
- 47. Rear Turn Signal (Snug 5/16 Blue 10-24 Green Loctite).....Pass \_\_\_\_\_ Fail \_\_\_\_\_
- 48. Front Fork Tube Collet (Tight & Snug • Blue Loctite).....Pass \_\_\_\_\_ Fail \_\_\_\_\_
- 49. Head Light (5/16" Allen @ 30 ft lbs • Blue Loctite) .....Pass \_\_\_\_\_ Fail \_\_\_\_\_
- 50. Handlebars (75 ft lbs • Blue Loctite) .....Pass \_\_\_\_\_ Fail \_\_\_\_\_

**LEFT SIDE**

- 51. Fr Brake Caliper (3/8 @ 25 ft lbs • One Drop Red Loctite) ....Pass \_\_\_\_\_ Fail \_\_\_\_\_
- 52. Forward Control (@ 35 ft lbs • Red Loctite).....Pass \_\_\_\_\_ Fail \_\_\_\_\_

- 53. Front Fender (5/16" Snug • Blue Loctite) .....Pass \_\_\_\_\_ Fail \_\_\_\_\_
- 54. Banjo Bolt (9/16 @ 22 ft lbs • Teflon Tape).....Pass \_\_\_\_\_ Fail \_\_\_\_\_
- 55. Pinch Bolt on Bottom Tree (@ 12 ft lbs • Blue Loctite) .....Pass \_\_\_\_\_ Fail \_\_\_\_\_
- 56. Front Brake Line Clamp (Snug) .....Pass \_\_\_\_\_ Fail \_\_\_\_\_
- 57. Front Brake "T" (5/16" @ 15 ft lbs • Blue Loctite) .....Pass \_\_\_\_\_ Fail \_\_\_\_\_
- 58. Kickstand Nut (@ 35 ft lbs • Red Loctite) .....Pass \_\_\_\_\_ Fail \_\_\_\_\_
- 59. Kickstand Mount (@ 30 ft lbs • Blue Loctite) .....Pass \_\_\_\_\_ Fail \_\_\_\_\_
- 60. Shiftrod at Fwd Cntrl (Tight min 1-1/2 turns • Blue Loctite) ..Pass \_\_\_\_\_ Fail \_\_\_\_\_
- 61. Shiftrod at Transmission (@ 20 ft lbs • Blue Loctite) .....Pass \_\_\_\_\_ Fail \_\_\_\_\_
- 62. Shiftrod Jam Nut (Snug • Blue Loctite) .....Pass \_\_\_\_\_ Fail \_\_\_\_\_
- 63. Kickstand Adjustment .....Pass \_\_\_\_\_ Fail \_\_\_\_\_
- 64. Inner Primary Lock Tabs (Pull & Check • Blue Loctite) .....Pass \_\_\_\_\_ Fail \_\_\_\_\_
- 65. Main Shaft Nut (@ 185 ft lbs • Red Loctite).....Pass \_\_\_\_\_ Fail \_\_\_\_\_
- 66. Clutch Jam Adjust Nut (Snug • Blue Loctite) .....Pass \_\_\_\_\_ Fail \_\_\_\_\_
- 67. Clutch Basket Lock Tabs (One Side Bent) .....Pass \_\_\_\_\_ Fail \_\_\_\_\_
- 68. Outer Primary (Allen @ 12 ft lbs • Blue Loctite) .....Pass \_\_\_\_\_ Fail \_\_\_\_\_
- 69. Kickstand Clears Primary.....Pass \_\_\_\_\_ Fail \_\_\_\_\_
- 70. Top Motor Mount (Allen @ 45 ft lbs • Blue Loctite) .....Pass \_\_\_\_\_ Fail \_\_\_\_\_
- 71. Coil and Plugs Connection .....Pass \_\_\_\_\_ Fail \_\_\_\_\_
- 72. Tank Mounts Front/Rear (Tight • Blue Loctite) .....Pass \_\_\_\_\_ Fail \_\_\_\_\_
- 73. Battery Connections (Star Washer, Tight) .....Pass \_\_\_\_\_ Fail \_\_\_\_\_
- 74. Head Bolt Covers (Tight) .....Pass \_\_\_\_\_ Fail \_\_\_\_\_
- 75. Ignition Switch (Tight) .....Pass \_\_\_\_\_ Fail \_\_\_\_\_
- 76. Switch Cover (Tight).....Pass \_\_\_\_\_ Fail \_\_\_\_\_
- 77. Ignition Mount (@ 45 ft lbs • Red Loctite).....Pass \_\_\_\_\_ Fail \_\_\_\_\_
- 78. Oil Bag Mounts (Tight) .....Pass \_\_\_\_\_ Fail \_\_\_\_\_
- 79. Starter to Primary (@ 22 ft lbs • Anti Sieze• Blue Loctite) ....Pass \_\_\_\_\_ Fail \_\_\_\_\_

**DOT LABELS**

- 80. DOT Labels (4 pc. 49 States / 5 pc. Calif.) .....Pass \_\_\_\_\_ Fail \_\_\_\_\_

**TEST RIDE**

- 81. Calibrate Speedo.....Pass \_\_\_\_\_ Fail \_\_\_\_\_