

----- PW50 CLUTCH SPRING REMOVAL AND INSTALLATION -----

THESE PROCEDURES SHOULD ONLY BE ATTEMPTED BY A QUALIFIED TECHNICIAN OR YOUR LOCAL YAMAHA SERVICE PERSON

1. DRAIN ENGINE OIL, OUT OF 12mm BOLT, ON RIGHT SIDE OF ENGINE CASE, INTO SUITABLE CONTAINER
2. REMOVE REAR RESINATOR, BAFTEL OFF REAR OF EXHAUST PIPE
3. REMOVE SEAT
4. REMOVE EXHAUST FROM CYLINDER HEAD
5. REMOVE REAR BRAKE CABLE ADJ. NUT, PULL CABLE OUT OF SPRING AND PIVOT.
6. REMOVE REAR AXLE NUT, RIGHT SIDE
7. REMOVE REAR LOWER SHOCK MOUNTING BOLT
8. REMOVE RIGHT SIDE UPPER AND LOWER SWING ARM NUTS AND REMOVE SWING ARM
9. REMOVE PHILLIPS SCREW IN TOP OF CARB AND REMOVE THROTTLE AND CHOKE CABLE – SLIDE ASSEMBLY FROM CARB.
10. TURN FUEL PITCOCK OFF AND DISCONNECT FUEL LINE FROM CARB, DRAIN INTO SUITABLE CONTAINER. REMOVE FUEL TANK STRAP AND FRONT BOLT – REMOVE FUEL TANK
11. DISCONNECT SPARK PLUG WIRE FROM SPARK PLUG
12. DISCONNECT WIRING HARNESS CONNECTORS AT ENGINE (ALL)
13. REMOVE UPPER MOTOR MOUNT TO FRAME BOLT
14. REMOVE OIL INJECTOR COVER AND SCREW, REMOVE INJECTOR CABLE, REMOVING OIL LINE AND DRAIN INTO SUITABLE CONTAINER. (PLUG HOSE)
15. REMOVE REAR WHEEL – CAREFULLY, ENGINE WILL BE LOOSE IN FRAME
16. REMOVE ENGINE ASSEMBLY FROM FRAME AND SET ASIDE. (USE KICKSTAND TO SET ENGINE ON WORK AREA)

17. REMOVE PHILLIPS SCREWS AND 12mm BOLT FROM RIGHT SIDE ENGINE COVER. (CAREFULLY REMOVE COVER NOT TO DAMAGE GASKET) MARK PHILLIPS SCREWS UPON DISASSEMBLY. (SOME ARE LONGER THAN OTHERS)
18. REMOVE SNAP RING FROM CLUTCH SHAFT AND REMOVE CLUTCH HUB
19. REMOVE CLUTCH ASSEMBLY AND REPLACE WITH NEW SPRINGS, BE SURE TO INSPECT CLUTCH HUB AND SHOES FOR WEAR OR HEAT DAMAGE. INSTALL NEW GASKET IF DAMAGED IN DISASSEMBLY
20. **INSTALLATION IS REVERSE OF THESE PROCEDURES**
21. REFILL ENGINE OIL AND OIL INJECTOR RESERVOIR BEFORE START UP.