TECHNICAL BULLETIN

# TX750A
# SPECIAL SET-UP

MOTORCYCLE
M4-030

To avoid any problems which can be directly attributable to improper set-up of the recently released TX750A, we are initiating a special set-up program.

Included with this bulletin are five (5) TX750A Special Set-Up Check Lists. Please completely fill out a check list for each TX750A you sell and return to the Warranty Department along with the Warranty Registration Card. *Failure to send in the completed check list will indicate that the required set-up checks have not been performed in accordance with Section 2.4.3 of the Dealer Warranty Handbook.*

Additional forms may be ordered direct from the Warranty Department. Ask for TX750A Special Check List, form number 050374-051. A sample (two pages) of the form is shown below.

## SET-UP CHECK LIST
### SPECIAL INITIAL SERVICE FOR TX750A

We are all aware that our TX750 has had specialized problems and corrections. The TX750A has been completely revamped and *all* of the improvements developed for the TX750 have been incorporated in the new model. To prevent the repetition of any avoidable problems, we are initiating this special set-up program for the TX750A.

Please completely fill out the check list below for each TX750A you sell and return to the Warranty Department along with the Warranty Registration Card. Failure to send in the completed check list will indicate that the required set-up checks have not been performed in accordance with Section 2.4.3 of the Dealer Warranty Handbook.

Our standard set-up check list is on the reverse side of this form. A few minor items have been added to develop the special check list below because these items are critical. You must go through both lists, checking off the items listed below, before returning this form to the Warranty Department.

- ☐ 1. CHECK THE FOLLOWING FOR PROPER ROUTING AND ASSEMBLY
  - __ OIL TANK LINES AND CONNECTIONS
  - __ CARBURETOR FUEL LINES AND CABLES
  - __ OIL PRESSURE SENDING UNIT CONNECTION
  - __ GENERATOR WIRING CONNECTIONS TO WIRING HARNESS
  - __ REAR BRAKE AND FOOT RESTS (See Service News Bulletin No. 321)
  - __ TACHOMETER CABLE
  - __ CLUTCH CABLE ROUTING AND CONNECTIONS
  - __ EXHAUST PIPE CONNECTIONS
- ☐ 2. FILL AND CHARGE BATTERY (Charge at 1 amp. Check electrolyte specific gravity after charging)
- ☐ 3. ADJUST CLUTCH MECHANISM THROW AT ENGINE AND CABLE FREEPLAY AT LEVER
- ☐ 4. BLEED FRONT BRAKE HYDRAULIC MECHANISM AND ADJUST FREEPLAY AT LEVER
- ☐ 5. ADJUST DRIVE CHAIN FREEPLAY AND CHECK AXLE ALIGNMENT
- ☐ 6. ADJUST REAR BRAKE PEDAL FREEPLAY AND CHECK BRAKE LIGHT OPERATION
- ☐ 7. CHECK STEERING HEAD ADJUSTMENT
- ☐ 8. CHECK TORQUE ON ALL FITTINGS. *PAY PARTICULAR ATTENTION TO MOTOR MOUNTS.*
- ☐ 9. ADJUST VALVE CLEARANCE (.002" Intake and Exhaust - Engine *cold*)
- ☐ 10. ADJUST CAM CHAIN TENSION (Plunger flush with housing)
- ☐ 11. ADJUST POINT GAP AND IGNITION TIMING (See Service News Bulletin No. 302A, p. 4)
- ☐ 12. SYNCHRONIZE CARBURETION
- ☐ 13. CHECK ENGINE OIL LEVEL (See Service News Bulletin No. 304)
- ☐ 14. CHECK TIRE PRESSURE AND WHEEL RUNOUT
- ☐ 15. CHECK EMERGENCY LIGHTING SYSTEM THOROUGHLY
- ☐ 16. TEST RIDE MACHINE THOROUGHLY (Five (5) miles, minimum)
  During test ride, check for proper operation of all controls. Be alert for any abnormalities in shifting, clutch, acceleration, braking or handling. Listen for any unusual noises. Check operation of all instruments. After ride, inspect thoroughly for oil leaks.
- ☐ 17. CORRECT *ALL* PROBLEMS PRIOR TO PUTTING MACHINE ON SHOW ROOM FLOOR

In addition to the standard set-up and pre-delivery checks, I have thoroughly performed all of the above special set-up checks on

(E/N) TX750A 341-_____ (date) _____

(signed) _____

SHOP: _____ SHOP NO. _____

CITY/STATE: _____ PHONE: _____

050374-051



### SET-UP CHECK LIST

**NOTE:** This is an example list only, and is not complete in itself. Instructions for the completion of the steps listed below can be found in the following.

Service Manual for the individual model
Assembly Manual for the individual model
Yamaha Shop Guide
Service Data Wall Chart

**ALL MODELS**

Oil the air filter (if foam).
Tighten carburetor mounting bolts.
Tighten carburetor cap.
Adjust idle mixture screw(s).
Adjust throttle cable freeplay.
Adjust throttle cable synchronization (if twin).
Check starter lever freeplay.
Adjust clutch at engine and at lever.
Check spark plug heat range and gap.
Clean ignition points and adjust gap.
Set timing with point checker and dial indicator.
Check head torque.
Check oil delivery line tightness.
Lubricate and adjust chain (and align rear wheel).
Adjust front and rear brakes.
Service and install battery and check electrics.
Check front and rear tire pressure and suspension.
Fill gas tank.
Set idle speed (if twin, also synchronize).
Check transmission oil level.
Test ride.

**4-STROKE MACHINES**

Adjust cam chain tensioner.
Adjust all valves.
Drain and replace engine oil.

**2-STROKE MACHINES**

Fill Autolube tank.
Bleed Autolube pump.
Check minimum pump stroke.
Adjust Autolube cable.

### PRE-DELIVERY CHECK

**FITTINGS**

Recheck the tightness of the following according to the appropriate torque specifications.

1. Axle nuts (front and rear) and lock nuts.
2. Steering nut(s).
3. Fork triple clamp and inner tube securing bolts.
4. Engine mounting bolts.
5. Cylinder stud nuts (bolts).
6. Rear swing arm pivot shaft nut(s).
7. Rear shock mounting nuts.
8. Handlebar clamp bolts.

**OPERATION**

1. Check the Autolube tank quantity.
2. Transmission oil level.
3. Start engine and check idle speed.
4. If twin, check carb. synchronization.
5. Check operation of all electrical components.

**TEST RIDE**

Take the motorcycle for a test ride. Drive at least five (5) miles or ten (10) minutes.

1. Check transmission operation.
2. Check engine for abnormal noises.
3. Thoroughly check all operating controls.
4. Check engine pick-up, high and low speed performance.
5. After test, check spark plug coloration.

**CLEAN UP**

Clean the motorcycle thoroughly after the test ride. If it is washed, do not allow the chain lubricant to be removed. Wipe the motorcycle down with a clean rag. During the wipe down, check all components for nicks, scratches, or other signs of damage.

**DELIVERY**

When the motorcycle is delivered to the new owner, make sure he is familiar with all the operating controls. Advise him regarding break-in. Let him know if there are any service or operational problems peculiar to his locale that may require extra attention on his part.

Show him where his tool kit (if supplied) is located and familiarize him with the Owner's Manual. Finally, explain his rights and obligations under the warranty program.



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