



MOTOR CYCLE, GENERAL PURPOSE, HARLEY - DAVIDSON MT350 TECHNICAL DESCRIPTION

FORK OIL CHANGE



This is intended as a walk through & Guide only to the Fork Oil Change on a MT350 Motorcycle

Approx Procedure Time 2 Hours

This is a guide only please refer to the relevant manuals for full details or ask professional advice if in doubt.

This is the writer(s) interpretation of the required steps only and does not take any liability for the accuracy of the information supplied in this publication and it is supplied as is.

MT350 Fork Oil Change



General Tools

30mm Socket (Removing the Fork Cap Assembly)
8mm Allen Key (Removing the front wheel spindle)
10mm Spanner
Torque Wrench

Fluids

Fork Oil (1 Litre of 15W Fork Oil)
See Chapter 10 of the SEME Training Manual

Specialist Tools

None

Required Parts

None

**The parts marked * are the parts that you will need for this procedure.
Other Parts were changed as general maintenance.**

MT350 Fork Oil Change



General Torque Values

Front Wheel Spindle 68 Nm
Front Wheel Spindle Clamp Nuts 12 Nm
Oil Drain Screw 11 Nm
Pinch Bolt Upper Yolk 20-27 Nm

Where Torque settings are not detailed the following are a guide.

M5	7-8 Nm
M6	11-14 Nm
M8	24-27 Nm
M10	51-54 Nm

Notes

1. Refer to the Maintenance schedule 2340-H-200-601 Table 7 for maintenance periods.
2. Generally the Fork Oil needs changing every 10,000 miles (16,000km) or 24 months which ever occurs first.
3. If the fork oil is to be changed between service intervals the oil change can be carried out without removing the front wheel.

You will need to carry out the oil change procedure steps on both forks at the same time.

Omit steps: 1, 2, 3, 12, 13 and 14

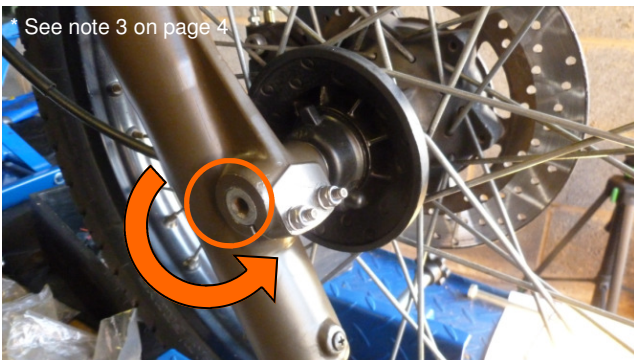
MT350 Fork Oil Change



1. Remove the Disk Guard bolt (10mm spanner) and remove the plastic guard from the bike



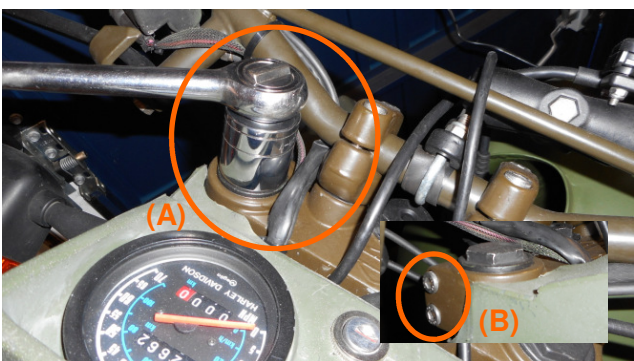
2. Loosen the Spindle clamp Nuts (Pinch Bolts) with a 10mm spanner



3. Remove the Front wheel spindle (axle) with an 8mm Allen key and remove the wheel.



4. Put a bucket under the drain plug and unscrew and remove.



5. (A) Remove the fork cap assembly at the top of the fork. (30mm Socket)

(B) The fork cap assemble should loosen with out force, loosen the yolk pinch bolts if the yolk is pinching the cap.



6. pump the lower part of the fork up and down the riser slowly to remove the old oil.

WARNING : Oil squirts out !!!
Move the bucket up ad down with the lower fork.



7. Replace and tighten the drain screw to 11 Nm



8. Carry out steps 4 to 7 on both forks.

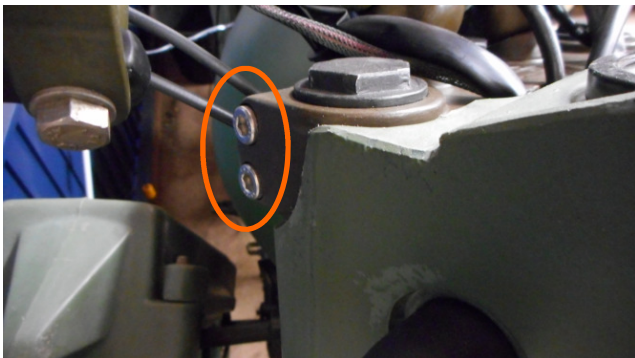
MT350 Fork Oil Change



9. Fill forks with 475ml each of 15W Fork Oil
(Note 500ml if fork has been rebuilt)



10. Replace both the fork cap assembly at the top of the forks.



11. Tighten the Yolk Pinch bolts to 20 –27 Nm
If they were loosened to remove the cap



See note 3 on page 4

12. Insert wheel, spacer (left side) and front wheel Spindle. tighten to 68 Nm



See note 3 on page 4

13. Tighten Spindle clamp Nuts (Pinch Bolts) to 12 Nm.



* See note 3 on page 4

14. Replace the Disk Guard and retaining bolt

END OF PROCEDURE