

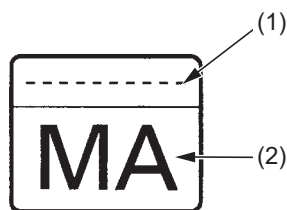
# Transmission Oil

## JASO T 903 standard

The JASO T 903 standard is an index for engine oils for 4-stroke motorcycle engines.

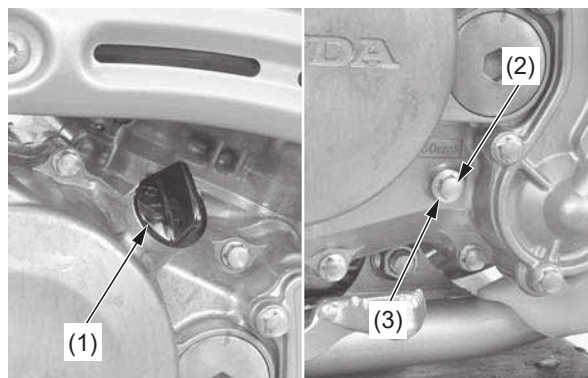
There are two classes: MA and MB.

Oil conforming to the standard is labeled on the oil container. For example, the following label shows the MA classification.



- (1) oil code
- (2) oil classification

## Checking & Adding Oil

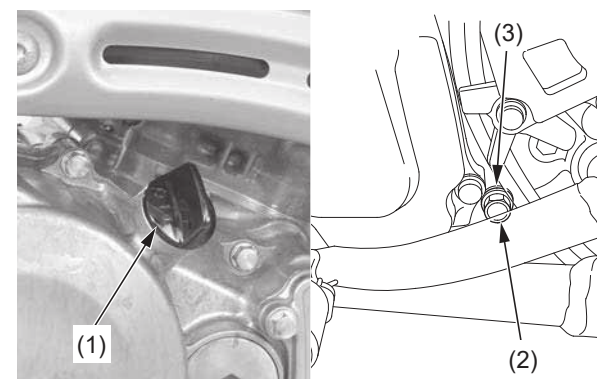


- (1) transmission oil fill cap
- (2) oil check bolt
- (3) sealing washer

1. Run the engine at idle for 3 minutes, then shut it off.
2. Wait 3 minutes after shutting off the engine to allow the oil to properly distribute itself in the clutch and transmission.
3. Support the CRF in an upright position on a level surface.
4. Remove the transmission oil fill cap (1), oil check bolt (2) and sealing washer (3) from the right crankcase cover. A small amount of oil should flow out of the oil check bolt hole. Allow any excess oil to flow out of the oil check bolt hole.  
If no oil flows out of the oil check bolt hole, add oil slowly through the transmission oil fill hole until oil starts to flow out of the oil check bolt hole.  
Install the oil check bolt with a new sealing washer and transmission oil fill cap. Repeat step 1–4.
5. After inspecting the oil level or adding oil, tighten the oil check bolt to the specified torque:  
Oil Check Bolt: 7 lbf·ft (10 N·m, 1.0 kgf·m)
6. Install the transmission oil fill cap securely.

## Replacing Transmission Oil

1. Run the engine at idle for 3 minutes, then shut it off.
2. Support the CRF in an upright position on a level surface.
3. Remove the transmission oil fill cap (1) from the right crankcase cover.
4. Place an oil drain pan under the engine to catch the oil. Then remove the transmission oil drain bolt (2) and sealing washer (3).
5. After the oil has drained, apply engine oil to the drain bolt threads and tighten it with a new sealing washer to the specified torque:  
16 lbf·ft (22 N·m, 2.2 kgf·m)
6. Fill the crankcase with recommended oil.  
Capacity: 0.60 US qt (0.57 ℓ) after draining
7. Check the transmission oil level by following the steps in *Checking & Adding Oil* (this page).



- (1) transmission oil fill cap
- (2) transmission oil drain bolt
- (3) sealing washer

Pour the drained oil into a suitable container and dispose of it in an approved manner ([page 130](#)).

### NOTICE

*Improper disposal of drained fluids is harmful to the environment.*