

Recommended Products:

### 0.4.3 Fluids table

	Type	dm <sup>3</sup> (liters)	fl oz
Gear-driven cams	recommended: TOTAL HI-PERF EV-DRIVE MP generic: ATF UNIVERSAL DEXRON VI	0,140	4,73
Front/rear braking circuit	DOT 4	Observe the indicated Min / Max levels	
Chain	Chain grease spray	-	-
Motor and inverter coolant	recommended: TOTAL COOLELF AUTO SUPRA -37°C generic: 50% WATER-50% glycol	1,2	40,6

Draining the coolant:



- Unscrew and remove the plug (A).



- Place a pan beneath the indicated screw (A) underneath the motorcycle.
- Unscrew the lower coolant drain screw (A).
- Wait for all the coolant to drain out.
- Replace the copper washer, apply **Loctite 542** to the thread and tighten the screw to a torque of **10 Nm / 7,4 ft lb.**

Refilling the coolant:

## Filling and purging the inverter cooling system

### Preliminary operations

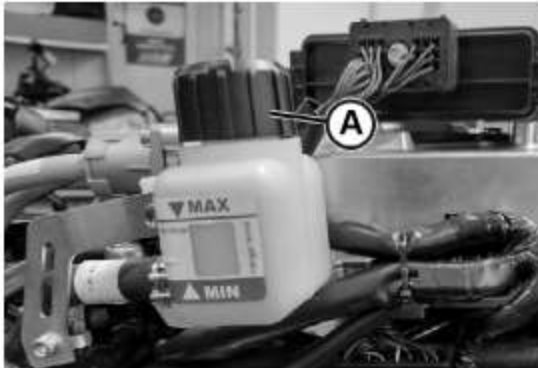
- Removing the tank cover (1.1.10)



The inverter cooling system's fluid can reach high temperatures and can cause serious burns if it comes into contact with the operator's body. Always make sure that the temperature of the inverter cooling system's fluid is suitable before performing any maintenance operations.



Always collect the motorcycle's fluids in appropriate containers, and never disperse them into the environment.



- Unscrew and remove the plug (A).



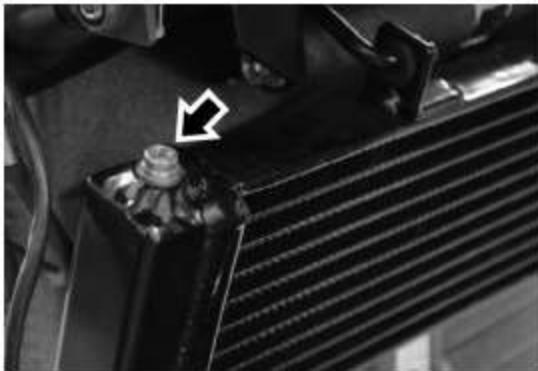
- Unscrew the indicated bleed screw on the radiator.



- Unscrew the indicated bleed screws on the left and right hand side of the inverter.



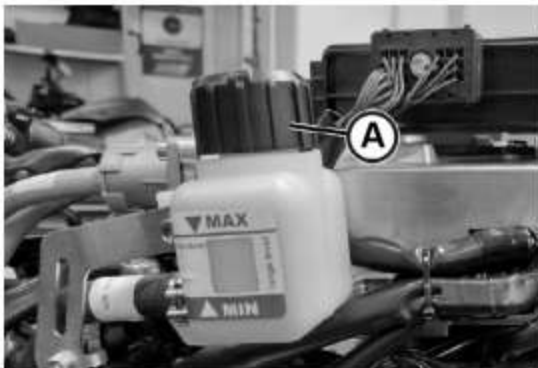
- Begin filling the inverter cooling system by pouring the liquid coolant indicated in the fluids table (0.4.3) into the tank.



- During the filling operation, once liquid coolant begins coming out of the radiator's bleed valve, tighten the indicated bleed screw to the torque value of **10 Nm / 7.4 ft lb**, and replace the relative washer.
- Continue filling the inverter cooling system by pouring the liquid coolant indicated in the fluids table (0.4.3) into the tank.

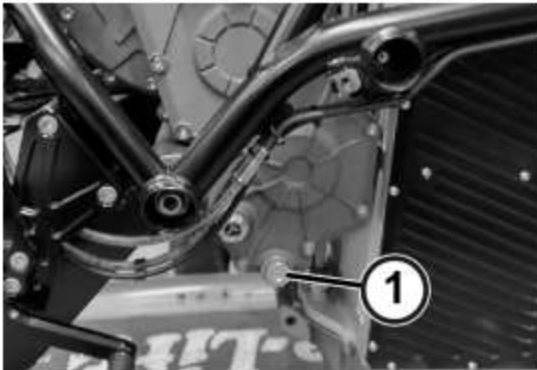


- During the filling operation, once liquid coolant begins coming out of the inverter's bleed valve, tighten and replace the relative screws on both inverter sides.



- Stop filling the inverter cooling system once the liquid coolant's level is between the "MIN" and "MAX" lines.
- Using a diagnostic tool, activate the recirculation pump.
- Perform top-ups as necessary in order to prevent the level from dropping below the "MIN" line.
- Once the liquid coolant's level has stabilized between the "MIN" and "MAX" lines, use the diagnostic tool to deactivate the recirculation pump.
- Close and screw in the plug (A).

Draining the Motor Lubrication (ATF Fluid):



- Position a container to collect the motor oil (at least 3 liters) beneath the plug (1).
- Unscrew and remove the plug (1).
- Let the oil drain until the system is completely empty.
- Replace the relative washer and tighten the plug (1) to the torque value of **25 Nm / 18.4 ft lb.**

#### Refilling the Motor Lubrication (ATF Fluid):



- Unscrew and remove the plug (2).

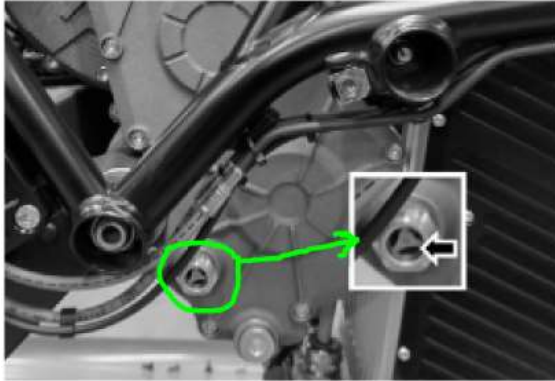


- Pour 0,140 liters / 4,73 fl oz of the oil indicated in the fluids table (0.4.3) into the indicated opening.



- Replace the relative washer and tighten the plug (2) to the torque value of **25 Nm / 18.4 ft lb.**
- Start the motor and let it run at a speed of 50 (Km/h) / 31 (mph) for at least one minute.





- Check the transmission oil level through the inspection window (A) on the right-hand side of the motor.
  - These operations must be performed with the motorcycle perfectly vertical.
- If the level is lower than the minimum mark, perform a top-up.