

TECH TIP

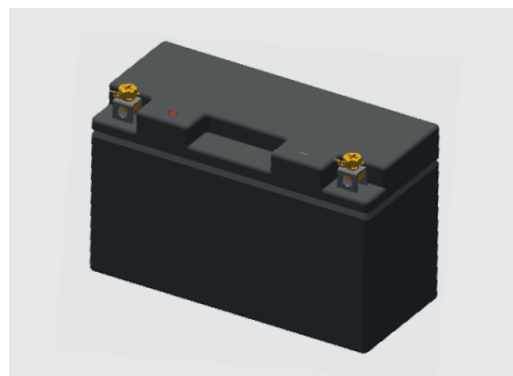
ROTAX
RACING

01 Misfire prevention

1 - BATTERY MAINTENANCE

Maintenance is a determining factor for the life span of the battery.

- › Keep the battery fully charged.
- › We recommend to charge the battery after every race.
- › Charge the battery especially during winter storage.
- › Use a suitable charging device:
 - › Part number 265148 for AGM
 - › Part number 581325 for Li-Ion batteries
- › After 2-3 years the battery should be tested for capacity. If the battery shows a significant loss in capacity please replace it.



2 - IGNITION SYSTEM

The following tips will increase robustness against misfire.

- › Keep the spark plug and spark plug cap clean to avoid any external arcing!
- › Use a tie wrap and attach the ignition cable to the cooling water hose to reduce wear of spark plug and spark plug cap.
- › Use only genuine ROTAX NGK spark plugs:
 - › MICRO / MINI: part number 298102
 - › JUNIOR / MAX / DD2: part number 298103
- › Make sure not to exceed the maximum allowed spark plug gap:
 - › MICRO / MINI: gap must be < 1,2mm
 - › JUNIOR / MAX / DD2: gap must be < 1mm
- › To increase the resistance against misfiring we recommend to use the red NGK spark plug cap 866707.



spark plug cap 866707



Video spark plug



RMC Regulations