

L47 Ignition/Lighting Coil

Suzuki RM125/250 1998 – 2001



INSTALLATION INSTRUCTIONS

NOTE

This unit acts as a combined ignition and lighting stator coil.

READ THESE INSTRUCTIONS CAREFULLY

- Step 1** Take the ignition cover off. Check the new parts are similar to the old ones and that they match, including the mounting hole locations. If not, double check the application listing with your bike.
- Step 2** Disconnect the cables on the original stator from the wiring loom, making a note of the connections.
- Step 3** Remove the flywheel using a proper puller tool and remove the base-plate with the original coil.
- Step 4** Cut the original cables close to the original coil and remove from base plate.
- Step 5** Mount the new lighting/ignition coil onto the base plate. Use locking compound on the threads and tighten the screws securely!
- Step 6** Connect the old cables to the new coil (see connections table) in exactly the same place as the originals, making sure you have good connections here. Crimp or solder connections as appropriate. When crimping the connections use high quality crimps. If soldering use a resin core solder (the type used in electrical applications) but be aware that solder doesn't always work very well on older cables. If appropriate insulate the cable connections with a heat shrinking sleeve.

- Step 7** Refit the stator base-plate, making sure the ring terminal (M6) is secured by a screw. Ensure the cables **cannot touch the flywheel** (especially on the inside of the flywheel).
- Step 8** Refit the flywheel. Tighten the bolt to specified torque.
- Step 9** Connect the cables to the wiring loom on the bike and refit ignition cover.

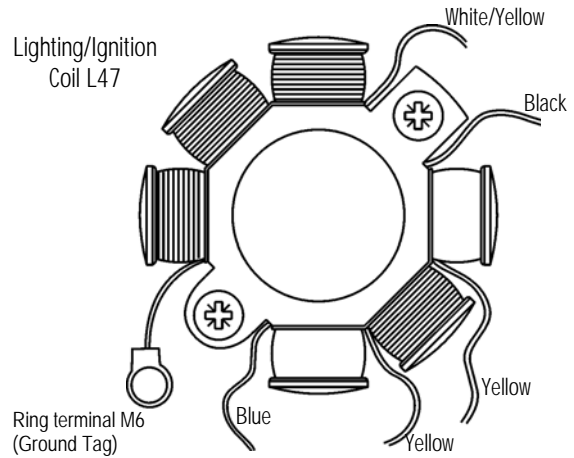


Plate shown as a guide (not included in stator kit)

CONNECTIONS		
Existing cabling	Connect to	Function
RED/WHITE	BLACK	Ignition
BLACK/RED	BLUE	Ignition
YELLOW	YELLOW	Power Jet
YELLOW	YELLOW	Power Jet
New cable	Connect to	
WHITE/YELLOW	Lighting Circuit	
Connect ring terminal (M6) under a mounting screw on stator base-plate		
To prevent bulbs blowing you may need to fit an RG12 - see below		

TROUBLESHOOTING

Engine/lighting problems: You may have connected the source coil cables in the wrong position. Swap the connections, re-solder the cables and the engine should start. You may also need to check earth continuity with the engine. If necessary add an extra earth cable between the engine and the frame.

If the engine still does not start: Re-check the connections. Make sure you carefully crimp or solder the connections. Twisting cables together or taping cables may cause a poor spark or no spark at all.

To prevent bulbs blowing we recommend you fit a regulator (RG12) to your bike. Ring 01491 682369 to order one now.

