

SMALL COIL REWINDS Pty. Ltd.
50 EDOLS STREET,
NORTH GEELONG
VIC. 3215
Ph. (03) 5278-8454

KLF300B/C Ignition Modules Part No. 21119-1241 / 1258 / 1302 / 1369 / TI-15

1. Problems have been experienced with these units due in part to **OVER CHARGING** of the Battery. We believe that these Charging systems were designed to run ancillary equipment such as Boom-Sprays, Water Pumps, Electric shears etc..

If accessory equipment is not used we **STRONGLY RECOMMEND** that one of the **ALTERNATOR PHASE WIRES** be disconnected, this being at the **STATOR TO MAIN HARNESS** connection which is located just under the **SEAT**. This should be taped out of the way for later use if required.

2. Other problems such as **DETONATION, LACK OF POWER, MISFIRING, BACKFIRING** and sometimes they feel like they are **SEIZING UP**. These can be caused by the **PULSA** wires picking up **IMPULSES** from the **ALTERNATOR** wires which run together in the loom. This can be easily diagnosed by unplugging the **RECTIFIER / REGULATOR** unit.

If this fixes the problem, disconnect one of the **ALTERNATOR PHASE WIRES** at the connector and retest the unit, **ALL THREE WIRES MAY NEED TO BE DISCONNECTED TO FIND THE RIGHT ONE, BUT ONLY ONE CAN BE DISCONNECTED AT A TIME.**

3. If **DETONATION** continues, the use of “**RESISTOR SPARK PLUGS**” and “**RESISTOR PLUG CAPS**” Will usually do the trick. **UNLEADED PETROL** is a must otherwise the Resistor Plugs will not last long.

4. As the **RECTIFIER / REGULATOR** is located in a very **DIRTY spot**, it is very common for **CORROSION** to destroy the wire and connections. If the **BROWN** wire has no **CONNECTION** the output voltage will be **UNREGULATED**. Connectors are standard UTILUX parts.

5. Due to **excessive heat** the WIRES on the alternator can become very **BRITTLE** and may cause a **SHORT** or **OPEN CIRCUIT**, when any replacements are made to the **CHARGE SYSTEM** all elements of the system **MUST** be thoroughly checked and **REPAIRED**.

***** NOTE :- SOME IGNITERS ARE INTERCHANGEABLE BETWEEN MODELS.*****

(B1 Only) 21119-1241, Marked with “**WHITE number TI-15**”, will not interchange.

(B2 ->) 21119-1258 ; 21119-1302 ; 21119-1369 ; All will interchange.

*The reason why they do not all interchange is because **FLYWHEELS** have different **LENGTH “TRIGGER TIT”**. A’s & B1 = 35mm, B2 -> = 25mm.*

**DISCONNECT ONE YELLOW (ONE PHASE) WHEN USING SH548-12
REGULATOR / RECTIFIERS.**

IF MOUNTING WITH 2 BOLTS ? LEAVE ONE LOOSE !!!