Technical note "Evoluzioni MP3 – Fuoco"

In response to a number of operational difficulties noted, we have introduced a set of unified procedures to resolve the main problems encountered.

Please note that these procedures are highly specific and must be implemented on the basis of your own experience.

1. Reprogramming the ECU

1.1. Preliminary checks

1.2. Specific actions

1.3. Reprogramming

1.4. Testing

1.1. Preliminary checks

- Check battery function (voltage above 12.5 V)

- Check functional parameters of injection system. (Optimum TPS values 3.2° +/- 0.6. In the event of values out of range or of evident tampering of throttle valve endstop screw, replace the throttle body. **REMARK: In the event of TPS values above 4°, or with abnormally fluctuating values, contact the Piaggio Help desk immediately).**

- Check errors with diagnostic tool.

- Note and delete memorised errors.

- In the event of currently active errors, diagnose/rectify the respective fault before deleting the error.

1.2. Specific actions

- Check/clean air box and filter
- Checking/cleaning throttle body
- Recalibrate the ECU with release **1233GN2N**
- A password is required in order to recalibrate the PGDS (**passw0rd**)
- Do not reset TPS

1.3. Testing

- Perform parameter auto-acquisition at idle speed (two electric fan activation cycles)

- Perform parameter auto-acquisition with vehicle in motion (5-6 Km at mid throttle and, if possible, with parts of the route at wide open throttle).

- Connect the Navigator and check determinable parameters:

GIRI MOTORE
TEMPERATURA ACQUA
APERTURA FARFALLA
ANTICIPO BASE
ANTICIPO REALE
TENSIONE SONDA
CONTROLLO SONDA
STATO LAMBDA
TITOLO MAGRO
TITOLO RICCO
ADATTATIVITÀ TITOLO MINIMO
ADATTATIVITÀ TITOLO_OFF SET
ADATTATIVITÀ TITOLO_GAIN
PASSI PROGRAMMATI
PASSI ATTUALI
UTILIZZARE LA FUNZIONE SALVA E CONGELA I DATI E PARAMETRI DEL NAVIGATOR