

# Product / Service Information

## Ford BA PCM Installation Instruction

Company name: \_\_\_\_\_

Contact name: \_\_\_\_\_

Phone no: \_\_\_\_\_ Purchase Order No: \_\_\_\_\_

### Important Notes:

1. Ford BA PCM's (Power train control modules) must be correctly customized to the vehicle to ensure correct operation. This programming procedure must be carried out by Injectronics or a Ford dealership with a genuine scan tool.
2. If original PCM failed for ignition related faults (ie cylinder miss) Injectronics recommend replacement of all ignition coils prior to installation of the change over PCM.

### If installation is being performed at a Ford dealership, the following actions must be carried out:

- Programmable Module installation operation performed (copied VIN, tyre size, axle ratio, ABS type, etc from original PCM to replacement PCM.
- Parameter reset performed to match security settings to allow the car to start and run.
- Interior command center reset/calibration to remove radio security code error messages.

### Customers who have an appropriate security matching scan tool only (eg: Hanatech)

The replacement PCM should have already had had the programmable vehicle options programmed by Injectronics. These settings are as follows.

- **Cruise control:**
  - Present
  - Absent
- **Anti-lock braking system:**
  - No ABS
  - ABS Only
  - Traction Control and ABS
- **Axle gear ratio:**
  - 3.23
  - 3.45
  - 3.46
- **Original fitment tyre size**
  - 215/65R16C 106/104T (770)
  - 225/60R16 98V (783)
  - 215/60R16 95V (798)
  - 225/50R17 (805)
  - 245/40ZR18 93 (809)
  - 225/50ZR17 94W (810)
  - 215/55R16 93V (819)
  - 235/45ZR17 93W (825)
  - R155/70R17 110M (830)
  - 225/55R16 (842)

ABU XXX no: \_\_\_\_\_ Part Number: 3R23 \_\_\_\_\_

Vin number: \_\_\_\_\_

### When the customer receives replacement PCM, the following must be performed:

- A security parameter reset ( security matching procedure to allow the car to start & run)
- Interior command center reset /calibration remove radio code security error messages. Note this can only be typically performed using a genuine ford scan tool at a dealership.
- The VIN data in the PCM can only be transferred from the original PCM into the replacement PCM if the technicians at Injectronics have access to the customers original PCM. Otherwise the VIN must be corrected using a genuine Ford Scan tool. Note: that the vehicle will start and run even if the VIN is incorrect.

### Return of Injectronics exchange units:

If the replacement PCM does not fix the problem on the vehicle, the original PCM may be re-installed, a parameter reset operation performed again, and if the interior command center has not been aligned to the PCM, then it will continue working as it did originally. The Injectronics remanufactured unit can then be returned to Injectronics for a retest fee.