



## FITTING INSTRUCTIONS TO SUIT

**Toyota Landcruiser 100series & 200 series / Lexus** fitted with the 4.7 litre V8 engine

**PACEMAKER HEADERS** part no. **PH 12680 (100series)**

**PACEMAKER HEADERS** part no. **PH 12690 (200series)**

**IMPORTANT** read the following instructions carefully before proceeding.

### RH SIDE

- Place an anti zapper across battery terminals
- Unclip and unscrew snorkel and remove
- Unplug O2 sensor
- Unbolt the engine pipe and cat assembly and remove
- Unscrew the O2 sensor and place to one side

**Note: it will be necessary to loosen the L H side at the cat to remove the RH side, but it is important to retighten the LH side after**

- Remove all the nuts to the manifold and remove the manifold
- Hang gasket on to studs
- Slot header into engine bay and hang header directly on to studs
- Replace remaining manifold nuts and tighten up header
- Replace snorkel
- Cut engine pipe 20 mm before the weld
- Pump out catalytic converter to 2 /14"

**Note: when using factory catalytic converters they may split before fully opening. It may be easier to make a reducer spigot.**

- Replace engine pipe up and into position behind header and rebolt to the factory Y branch

**Note: it is not necessary to use the provided gasket just yet**

- Weld into place but do not remove to finish as yet

### LH SIDE

- Unplug o2 sensor
- Unbolt the engine pipe and cat assembly and remove
- For ease of fitment remove the two upper rear studs
- Hang gasket on to studs
- Slot header into engine bay and hang header directly on to studs
- Replace remaining manifold nuts and studs and tighten up header
- Cut engine pipe 20 mm before the weld
- Pump out catalytic converter to 2 /14"

**Note: when using factory catalytic converters they may split before fully opening. It may be easier to make a reducer spigot.**

- Replace prepared catalytic converter up and into position behind header and rebolt to the factory Y branch

**Note; it is not necessary to use the provided gasket just yet**

- Weld into position
- Unbolt the new RH and LH cat converter assemblies and complete the weld
- Return the finished cat converter assemblies to their new position, using gaskets and sealant to finish
- Replace the O2 sensors and plug back into loom

**Note (RH side loom only); it maybe necessary to unclip the loom from engine and reroute the loom over the top of engine mount**

**Note Reuse OE gaskets for EGR (PH 12690 only)**

### Engine Pipe & Cat. Converter

