



FITTING INSTRUCTIONS TO SUIT  
Sixth Generation Factory Right Hand Drive 2016 on  
**Mustang**

Fitted with the **Coyote 5.0 litre 4 valve Supercharged V8 engine**

**PACEMAKER HEADERS** part no. **PH 4178**

**Note, this product is designed to use 1 Pacemaker PEX4175 extension for the right hand side only**

**IMPORTANT** read the following instructions carefully before proceeding. You will need the aid of a hoist as it is necessary to support the engine while the engine mount spacer plate is removed during the install

**Important:** for your convenience, **PACEMAKER HEADERS** have provided new regular hex head bolts and washers

**From the top**

- Disconnect battery
- Unbolt both right and left hand top nuts and remove, and unplug o2 sensor

**From underneath**

- Unbolt exhaust system and slide back
- Unplug O2 sensors

**RH SIDE**

- From underneath, unbolt the engine pipe and cat assembly and remove
- Unbolt steering shaft and let hang, (**note it may pay to tie the steering wheel up to the brake pedal to keep wheel from turning**)
- Remove starter and place to one side
- Remove the remaining nuts except no.2 (front) nut

**Important:** To remove remaining bottom bolt you must jack up driver's side of motor to take the weight off of engine mount, remove the engine mount bolts from the side of the engine block, then jack up motor by 15-20 mm to remove the remaining bottom manifold bolt, and undo from engine mount rubber

- Remove OEM manifold from vehicle
- Once the manifold has been removed, unscrew and remove all studs from the cylinder head
- Place all four bottom bolts (**note don't leave them out too far**)

**Important:** If you intend to reuse the standard gasket or any aftermarket gasket then place the gasket onto cylinder header using the bottom bolts to hold it in place

- Plug o2 sensor **PACEMAKER HEADERS** extension part no PEX4175 into plug found at the back of the cylinder head
- Slot header into engine bay and hang from the lower bolts
- From the top place the upper remaining four bolts into place (**Note, do not tighten up yet**)
- From underneath, replace the starter motor and tighten up
- Lower engine back into position and replace the 4 bolts to engine mount to block and tighten up
- Slide steering shaft back into position and replace bolt and then tighten up
- From the top and bottom, systematically tighten header up
- Replace o2 sensor and plug back into the other end of **PACEMAKER HEADERS** extension part no PEX4175

**LH SIDE**

- From underneath, remove remaining seven nuts and remove OEM manifold from vehicle
- Once the manifold has been removed, unscrew and remove all studs from the cylinder head
- From the top place the upper remaining four bolts into place (**Note, do not tighten up yet**)
- Slot header into engine bay and hang from the lower bolts
- From the top place the upper remaining four bolts into place
- From the top and bottom, systematically tighten header up
- Replace o2 sensor onto header and plug back into loom