

### 1.10 CYLINDER HEAD TEMP PROBE INST.

Install the probe assemblies in the tapped holes located on the underside of the cylinders. The threads in the holes may require cleaning. Proceed carefully to prevent damaging the threads.

Route wires away from exhaust stacks and other heat sources with enough slack to allow for engine vibration, etc. Do not route the leads creating stress where they exit the probe. A gradual radius away from the probe is best.

After installation is completed, connect the probe utilizing the white and red color-coded thermocouple extension wire and terminals as shown in 'APPENDIX C: DPU P2 Connector Harness Fabrication'.

#### IMPORTANT NOTES:

- ⇒ Probe shorter lead is RED, and the longer is WHITE.
- ⇒ Extension wire may be cut to desired length.

## 10 SECTION 1: INSTALLATION

### 1.11 EXHAUST GAS TEMP PROBE INST.

Drill an adequate access hole, for the probe tip, in the exhaust pipe, at a location 3.5 to 4 inches (if possible) down from the exhaust pipe flange, such that the lead wires will exit the probe smoothly without creating sharp bends, while remaining away from exhaust stacks and other heat sources. Angle the probe assembly inward and toward the back of the engine allowing the leads to be secured as they travel back along the side of the engine oil sump.

Install the probe by opening the clamp ring and placing the probe into the exhaust pipe drilled hole. Close and tighten the clamp ring using a screwdriver. Do not over tighten clamp or clamp failure may eventually occur. Make sure the clamp is not crooked on the exhaust pipe or it will loosen up due to vibration.

Secure the wires along their paths to the DPU, to prevent vibration and abrasion with enough slack to allow for engine vibration, etc. Route wires away from exhaust stacks and other high heat sources. Do not route the leads creating stress where they exit the probe. A gradual radius away from the probe is best.

After installation is completed, connect the probe utilizing the yellow and red color-coded thermocouple extension wire and terminals as shown in 'APPENDIX C: DPU P2 Connector Harness Fabrication'.

#### IMPORTANT NOTES:

- ⇒ Probe shorter lead is YELLOW, and the longer is RED.
- ⇒ Extension wire may be cut to desired length.