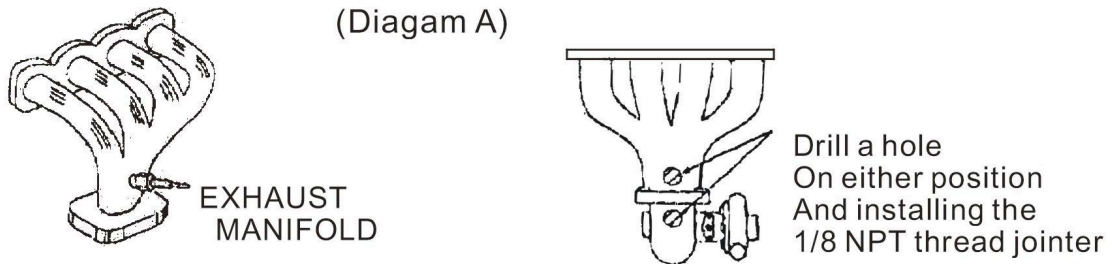


## Installation of EGT Gauge

### SMOKE GAUGE SERIES (WHITE& AMBER RED)

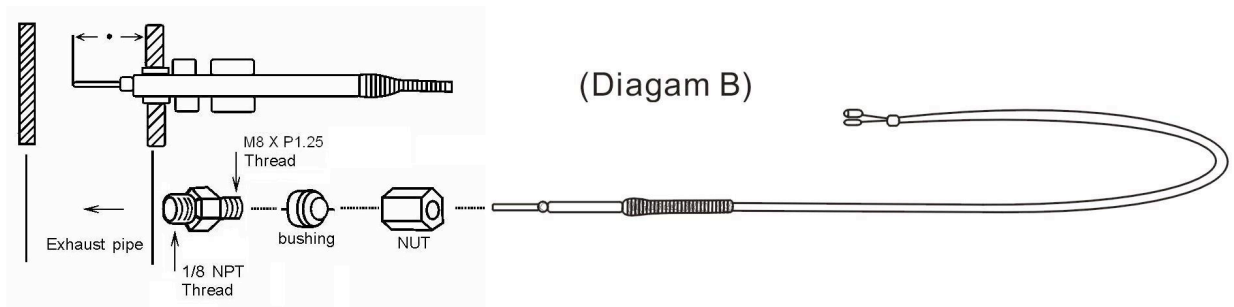
1. Before installation, please make sure that the exhaust hose and engine both cool off completely.
2. You should have minimum knowledge of car mechanical. You may consult with your car repair shop for assistance before installing, or send directly to your car repair shop for complete installation.
3. After deciding the position to install the sensor, you should drill a hole of 1/8 NPT thread. Clean the hole and be sure to avoid any iron scrap falling into the hole.(see diagram A).



(Diagram A)

1. First secure 1/8 NPT adapter into the hole by hand, and then turn 1.5-2.5 threads using 12 m/m wrench with torque of around 0.3-0.5 kgfm.(see diagram B).

Sensor is placed in 1/3 ~ 1/2 depth of the exhaust hose



(Diagram B)

5. Installation of sensor : After 1/8 NPT adapter is securely fastened, insert bushing and nut in sequence. Sensor is placed in 1/3-1/2 depth of the exhaust hose.(see diagram B).

★Choose the mounting position of sensor carefully. Bushing is used to avoid displacement of the sensor. After fitting screw nut on to bushing, use 12 m/m wrench to tighten screw nut.

★Connecting torque shall be within 2~2.3kgfm. The sensor may easily fall off, if it is properly fastened.

6. The sensor cable should be properly mounted on the wall of engine compartment and should be kept away from heat.

### 7. Wiring by Color

- a. Red → V + 12V
- b. Black → Ground
- c. Orange OR WHITE →
- d. Pink → Sensor +
- e. Blue → Sensor -

NOTE:GAUGE REQUIRE FUNCTION

REQUIRE FUNCTION		INSTALLATION
DAY TIME	NIGHT TIME	
WHITE SCALE	WHITE SCALE	WHITE WIRE→connect to ACC. AMBER WIRE→NO connect
AMBER SCALE	AMBER SCALE	WHITE WIRE→NO connect AMBER WIRE→connect to ACC.
WHITE SCALE	AMBER SCALE	WHITE WIRE→ connect to ACC AMBER WIRE→connect to PARKING LAMP.
AMBER SCALE	WHITE SCALE	WHITE WIRE→connect to PARKING LAMP AMBER WIRE→connect to ACC.