



AIR TEMPERATURE SENSOR RETROFIT KIT

Installation Instructions for:
Part Number 20-441
97-98 Nissan 240SX

ADVANCED ENGINE MANAGEMENT INC.
2205 126TH Street, Unit A Hawthorne, CA. 90250
Phone: (310) 484-2322 Fax: (310) 484-0152
www.aempower.com
Instructions Part Number: 10-330
1997-1998 Nissan 240SX

© Copyright 2002

Some applications are legal in California for racing vehicles which may never be used on public highways

AEM designed the Air Temperature Sensor Retrofit Kit to be used with the 95-98 Nissan 240SX intake system, part number 22-441. The air temperature sensor used on 97-98 240SX's has changed from the earlier models (95-96). This kit will allow the use of the new air temperature sensor with the existing Mass Air Sensor Adaptor provided with the Short Ram System.

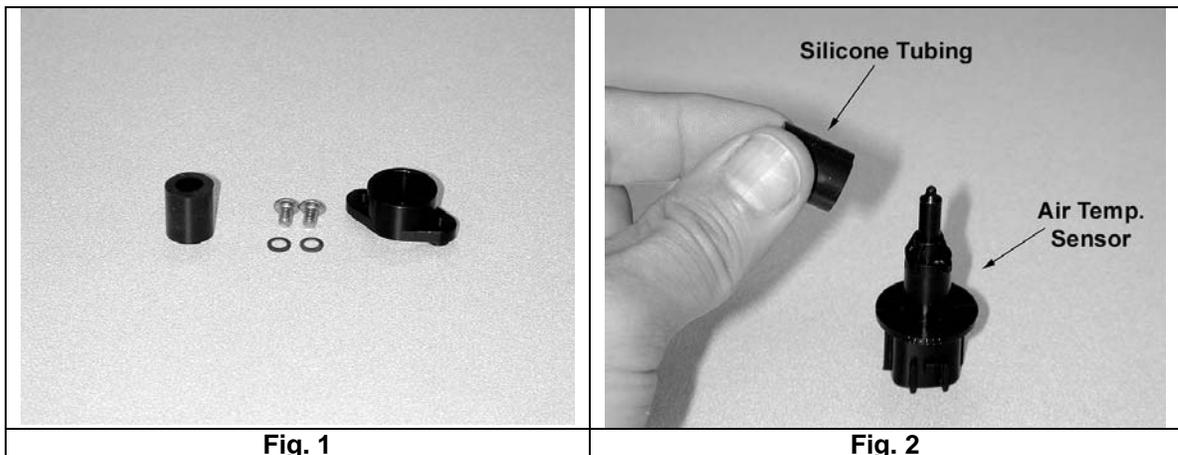
Bill of Materials for: 20-441

QTY.	Part Number	Description
1	2-663	Air Temp. Sensor Adaptor
2	1-3023	4mm Serrated Washer
2	1-2051	M4 x 0.7 Button Head Screw
1	65003	0.313" x 0.50" Silicone Hose
1	10-330	Instructions

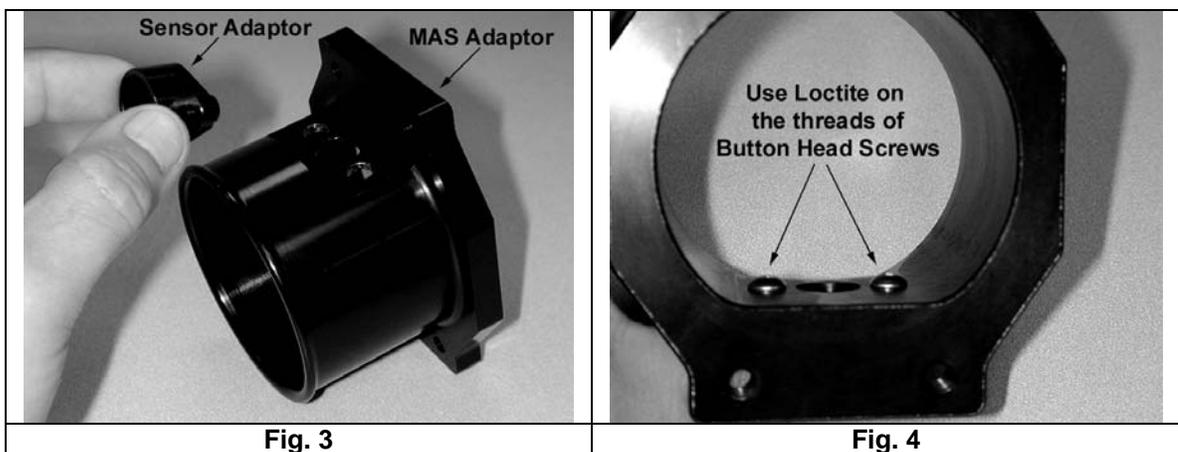
Read and understand these instructions **BEFORE** attempting to install this product.

Installing The Retrofit Kit

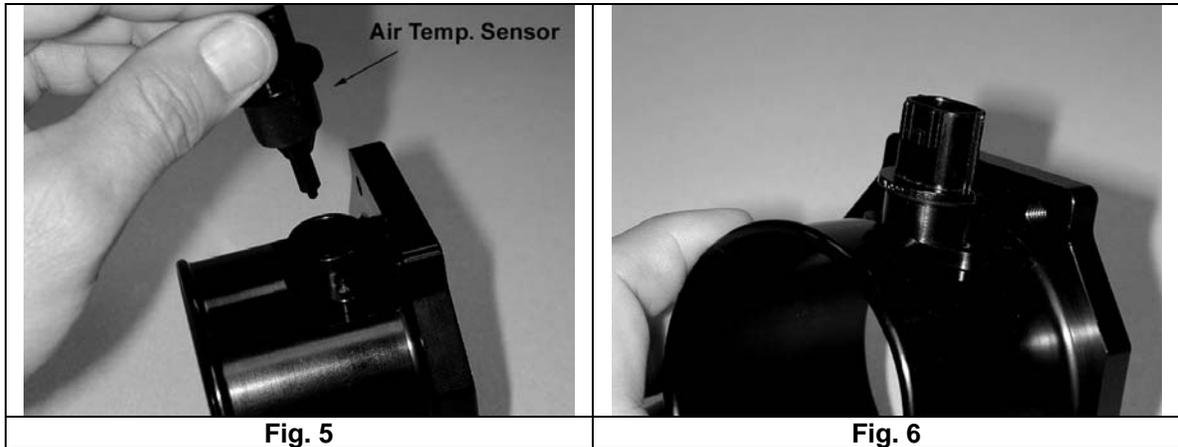
- a) Check the kit to make sure all the necessary components are included. See bill of materials on page 2. **(Fig. 1)**
- b) Place the piece of silicone tubing over the O.E. Air Temperature Sensor. Make sure the piece of tubing sits against the flange of the sensor and that none of the tubing covers any part of the four ribs on the upper part of the sensor. **(Fig. 2)**



- c) Take the MAS adaptor that is supplied in the 22-441 SRS kit and place the sensor adaptor onto the machined flange located on the side of the MAS adaptor. The Sensor adaptor should sit flat against this flange and is located in place by the two-machined steps on the bottom of the Sensor adaptor. **(Fig. 3)**
- d) Looking from inside the MAS adaptor install the button head screws. Make sure to use a serrated washer and **Loctite Red** on the threads of each screw. This will prevent the screws accidentally backing out and causing damage to the motor. **(Fig.4)**



- e) Place the Air Temperature Sensor into the Sensor adaptor. Make sure the Air Temperature Sensor fits snug inside the Sensor adaptor and does not come out easily. **(Fig. 5)**
- f) This is how the assembly should look once it is completed. The flange of the Air Temperature Sensor should bottom out against the Sensor Adaptor. **(Fig. 6)**



- g) The Air Temperature Sensor retrofit is now complete. Continue with the rest of the installation as outlined in the instructions supplied with the 22-441 SRS kit.

**For Technical Inquiries
E-Mail Us At
tech@aempower.com**