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Universal Oxygen / Lambda Sensor Installation Guide _ Pink Terminal

***READ INSTRUCTION THOROUGH BEFORE INSTALLATION**

CHECK FOLLOWING ASSURE BETTER JOB

- ORIGINAL WIRE CONNECTOR FOR CORROSION
- ANTI-SEIZE COMPOUND ON THREADS
- EXHAUST MANIFOLD FOR CARBON BUILD-UP

NOTE: THE TIP OF THE NEW OXYGEN SENSOR MAY BE SLIGHTLY DISCOLORED DUE TO QUALITY TESTING FROM MANUFACTURER.

HANDLING:

- DO NOT DROP OXYGEN SENSOR. DROPPING OF SENSOR MAY CAUSE DAMAGE TO THE CERAMIC CELL HEAD.
- DO NOT USE IMPACT WRENCH OR CONVENTIONAL SOCKET TYPE WRENCH TO INSTALL SENSOR
- DO NOT ALLOW WIRES TO TOUCH EXHAUST MANIFOLD AND OTHER HOT COMPONENT
- DO NOT EXPOSE OXYGEN SENSOR TO WATER, OIL, WINDSHIELD CLEANER, ANTICORROSION OIL, GREASE, TERMINAL CLEANER, ETC.
- DO NOT USE LEADED FUELS, SILICONE OR METAL BASED ADDITIVES.
- DO NOT STORE UNDER HIGH TEMPERATURE AND / OR HIGH HUMIDITY

INSTRUCTIONS:

1. DISCONNECT ELECTRICAL CONNECTOR AND REMOVE OXYGEN SENSOR FROM THE VEHICLE.

***CAUTION: THE ORIGINAL SENSOR IS LOCATED IN THE EXHAUST SYSTEM AT HIGH TEMPERATURE THAT COULD RESULT IN BURNS OR OTHER RELATED INJURIES. TAKE PROPER PRECAUTIONS WHEN REMOVING SENSOR TO PREVENT INJURY.**

2. CUT ORIGINAL SENSOR WIRES NEAR REMOVED SENSOR AS CLOSE AS POSSIBLE (SEE FIG. 1)
3. STRIP BACK 1/4" INSULATION FROM THE END OF THE ORIGINAL WIRE. (SEE FIG 2)
CAUTION: PLEASE AVOID WIRES TO BE TOUCHED OTHER HEATING PARTS IN THE ENGINE ROOM. IF NECESSARY, PLEASE CUT WIRE TO SUITABLE LENGTH OR CURVE WIRES AND MAKE THE CURVE WIRES FIXED IN SAFE CONDITION.
4. INSERT THE ORIGINAL WIRE INTO BUTT-TYPE CONNECTOR AND CRIMP TIGHTLY. (SEE FIG 3)
5. CRIMP EACH WIRE OF NEW O2 SENSOR INTO THE OTHER SIDE OF THE BUTT TYPE CONNECTOR (SEE FIG. 4) TO MEET THE FOLLOWING WIRE PAIRING COLOR CODE SPECIFICATION:

WIRE PAIRING COLOR CODE							
(S) = SIGNAL, (G) = GROUND, (H) = HEATER							
1 WIRED		2 WIRED		3 WIRED		4 WIRED	
ORIGINAL	REPLACE	ORIGINAL	REPLACE	ORIGINAL	REPLACE	ORIGINAL	REPLACE
REF.1	BLACK (S)	BLACK (S)	BLUE (S)	BLACK x 2 (H)	BLACK x 2 (H)	BLACK x 2 (H)	BLACK x 2 (H)
			WHITE (G)	BLUE (S)	BLUE (S)	BLUE (S)	BLUE (S)
						WHITE (G)	WHITE (G)
REF.2	PURPLE (S)	BLACK (S)	BLACK (S)	BLACK x 2 (H)	WHITE x 2 (H)	BLACK x 2 (H)	WHITE x 2 (H)
			GREY (G)	WHITE (S)	BLACK (S)	WHITE (S)	BLACK (S)
						GREEN (G)	GREY (G)
REF.3	PURPLE (S)	PURPLE (S)	BLACK (S)	BROWN x 2 (H)	WHITE x 2 (H)	BROWN x 2 (H)	WHITE x 2 (H)
			WHITE (G)	PURPLE (S)	BLACK (S)	PURPLE (S)	BLACK (S)
						TAN (G)	GREY (G)
REF.4				WHITE x 2 (H)	WHITE x 2 (H)	WHITE x 2 (H)	WHITE x 2 (H)
				BLACK (S)	BLACK (S)	BLACK (S)	BLACK (S)

								GREY (G)	GREY (G)
REF.5						BLACK x 2 (H)	WHITE x 2 (H)	BLACK x 2 (H)	WHITE x 2 (H)
						BLUE (S)	BLACK (S)	BLUE (S)	BLACK (S)
								WHITE (G)	GREY (G)

***CAUTION: IF YOUR WIRE COLOR CODING IS DIFFERENT FROM THE REFERENCES ABOVE OR THERE IS ANY QUESTION ABOUT WIRE CONNECTION ON YOUR APPLICATION, PLEASE REFER TO OEM SERVICE MANUAL FOR PROPER WIRING INSTALLATION.**

6. THE NEW OXYGEN SENSOR MAY HAVE A RUBBER OR PLASTIC CAP OVER ITS THREAD AREA. REMOVE THE CAP BEFORE INSTALLING THE O2 SENSOR.

NOTE: THE THREADS OF THE SENSOR OF THE OXYGEN SENSOR ARE COATED WITH A SPECIAL ANTI-SEIZE COMPOUND THAT ALLOWS FOR EASY REMOVAL. DO NOT REMOVE THIS COATING. ALSO TAKE CARE NOT TO GET ANY OF THIS ANTI-SEIZE COMPOUND ON THE SENSOR'S TIP OR DAMAGE TO THE SENSOR MAY OCCUR.

WARNING: ANTI-SEIZE COMPOUND MAY CAUSE IRRITATION TO SKINS OR EYES. IN CASE OF CONTACT, RINSE WITH SOAP AND WATER. IF IRRITATION PERSISTS, CONTACT YOUR PHYSICIAN IMMEDIATELY.

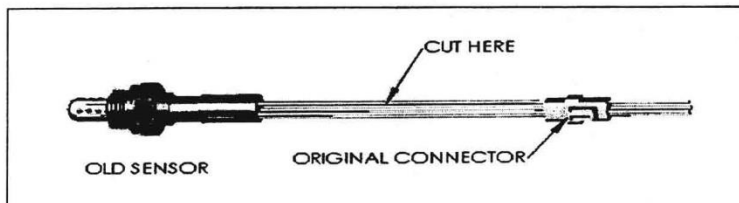


FIG. 1

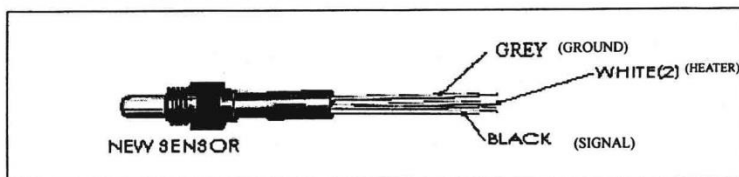


FIG. 2

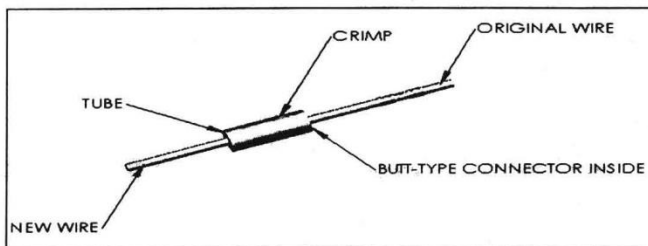


FIG. 3

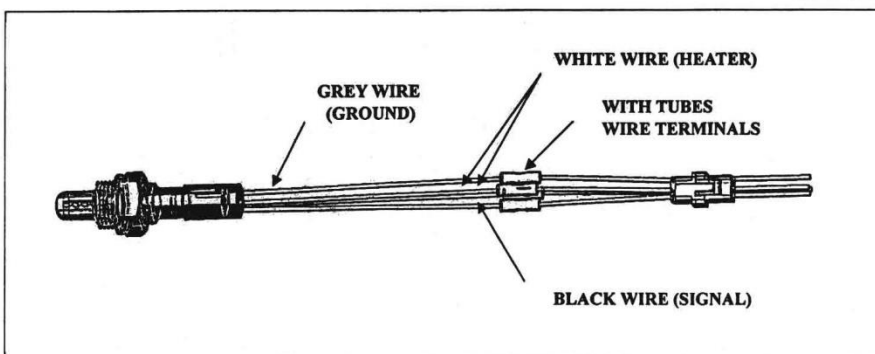


FIG. 4

7. INSTALL THE NEW O2 SENSOR INTO ITS LOCATION AND TIGHTEN TO THE PROPER TORQUE LISTED IN THE SERVICE



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MANUAL FOR YOUR VEHICLE.

8. FLANGED APPLICATION

- WHERE FLANGE IS NOT ALREADY INSTALLED ON SENSOR, INSTALL FLANGE TO EXHAUST MANIFOLD FIRST, THEN MOUNT SENSOR IN FLANGE.
- WHERE FLANGE IS ALREADY INSTALLED ON SENSOR, IT IS IMPORTANT TO USE THE SUPPLIED GASKET BEFORE INSTALLING SENSOR.

9. RECONNECT THE SENSOR'S ELECTRICAL CONNECTOR.

10. FOLLOWING THE PROCEDURES OUTLINED IN THE SERVICE MANUAL FOR YOUR VEHICLE, CLEAR ANY CODES THAT MAY HAVE BEEN SET.