

# **Component Procedures: Coolant Temperature Sensor/Switch (For Computer)**

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# Component Procedures: Coolant Temperature Sensor/Switch (For Computer)

## Parts and Labor (itype\_189)

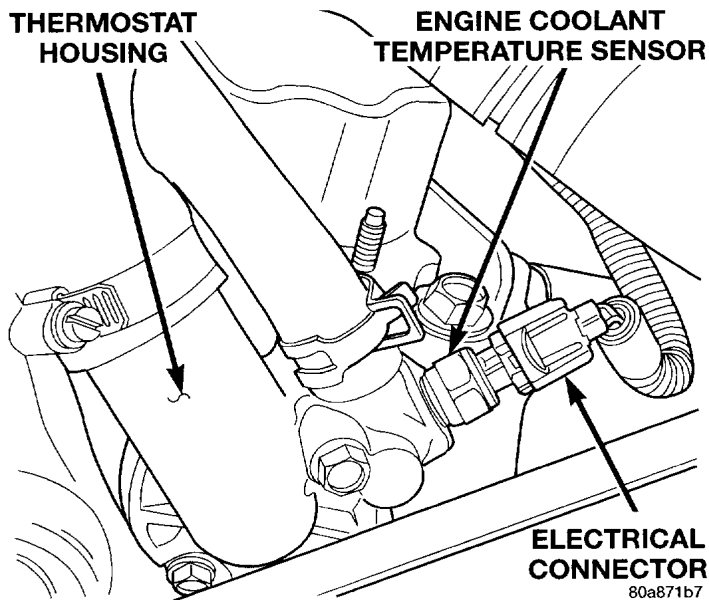
### Parts

Qualifier	Part #	Name	Price	Note
Coolant Temperature Sensor	56027873	Electronic Engine Cont?	107.00	

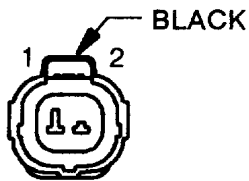
### Labor

Operation	Qualifier Path	Skill	Std Hrs	Wty Hrs
Replace	Coolant Temp Sensor, R&R	B	0.3	0.2

## Engine Coolant Temperature Sensor Description (Article 2078441)



## Coolant Temperature Sensor (Article 2070856)

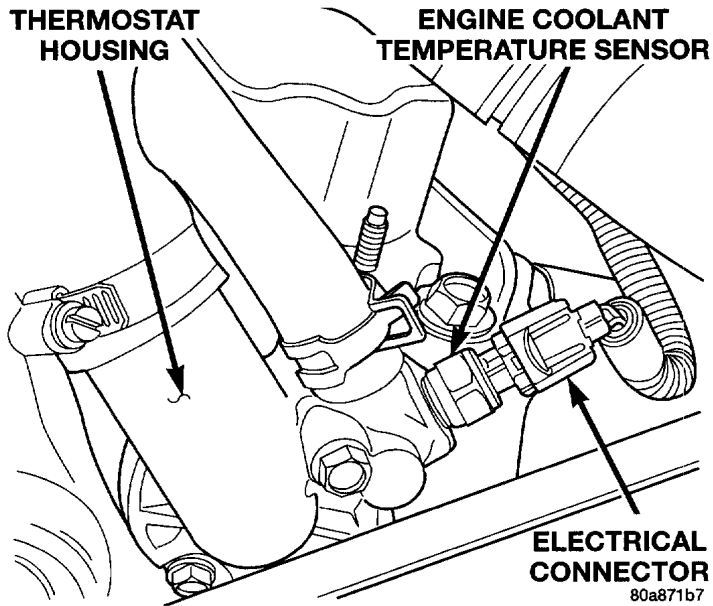


**ENGINE COOLANT TEMPERATURE SENSOR**

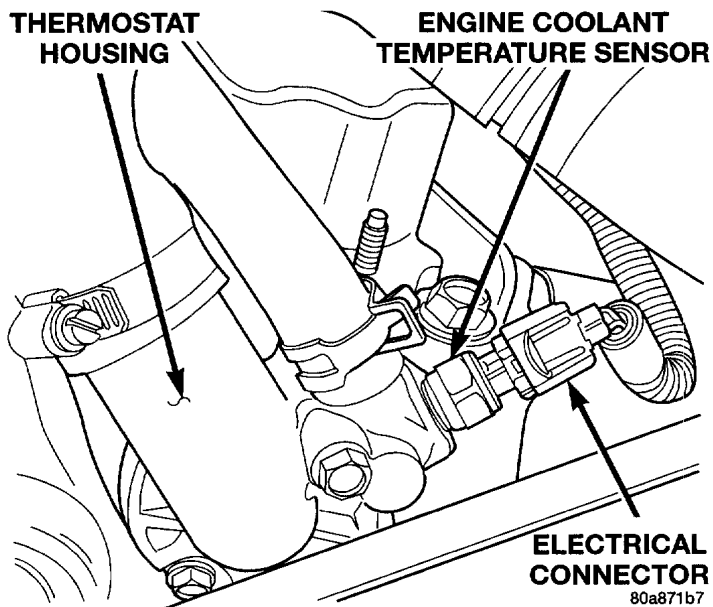
**ENGINE COOLANT TEMPERATURE SENSOR - BLACK 2 WAY**

CAV	CIRCUIT	FUNCTION
1	K2 18TN/BK	ENGINE COOLANT TEMPERATURE SENSOR SIGNAL
2	K167 20BR/YL	SENSOR GROUND

## Coolant Temperature Sensor (Article 2070869)



### Coolant Temperature Sensor Removal and Installation (Article 2078422)



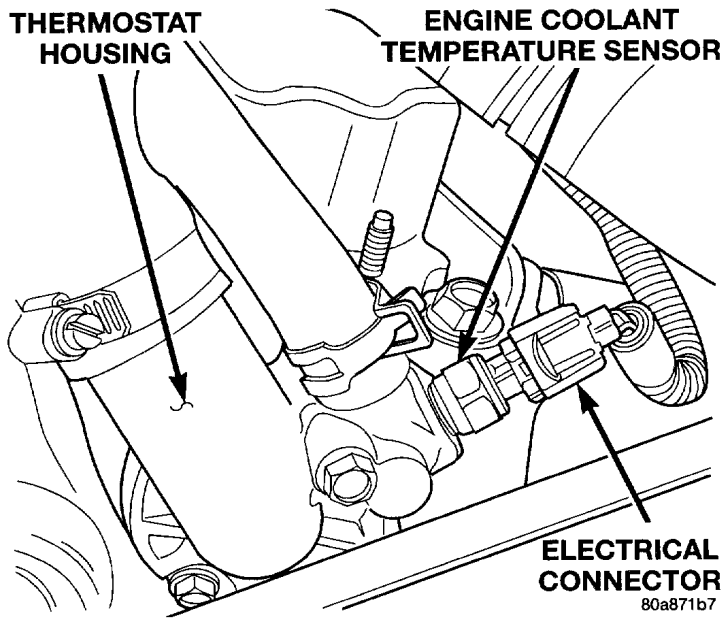
### Technician Safety Information (itype\_15)

WARNING: HOT, PRESSURIZED COOLANT CAN CAUSE INJURY BY SCALDING. COOLING SYSTEM MUST BE PARTIALLY DRAINED BEFORE REMOVING THE ENGINE COOLANT TEMPERATURE ( ECT ) SENSOR.

### Coolant Temperature Sensor (Article 2070860)

Coolant Temperature Sensor 11 Nm

## Coolant Temperature Sensor (Article 2069154)



TEMPERATURE		RESISTANCE (OHMS)	
°CEL.	°FAHR.	MIN.	MAX.
-40	-40	291,490	381,710
-20	-4	85,850	108,390
-10	14	49,250	61,430
0	32	29,330	35,990
10	50	17,990	21,810
20	68	11,370	13,610
25	77	9,120	10,880
30	86	7,370	8,750
40	104	4,900	5,750
50	122	3,330	3,880
60	140	2,310	2,670
70	158	1,630	1,870
80	176	1,170	1,340
90	194	860	970
100	212	640	720
110	230	480	540
120	248	370	410