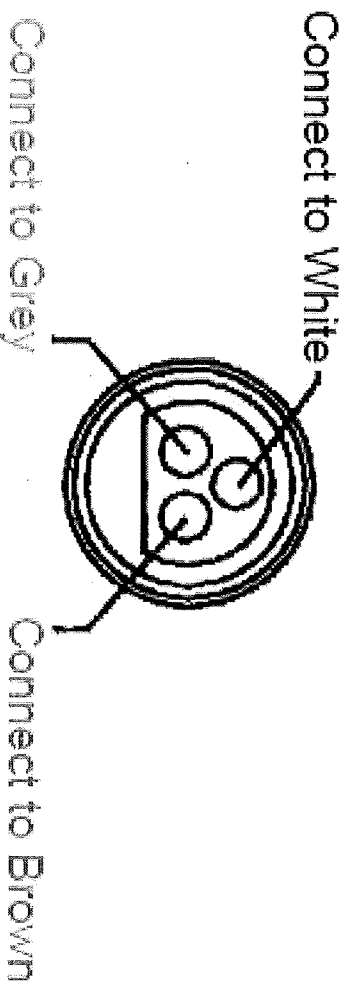


The “air gap” of the sensor (how far the sensor is from the balancer) should be 0.049” (1.25mm) to 0.051” (1.3mm).

The sensor has three wires and came in two different connector variants. You will be wiring directly to the sensor wiring harness connector. The connector from '89 to late '97 was a circular one, and came with various wire colors across the different years, but the wiring is the same:

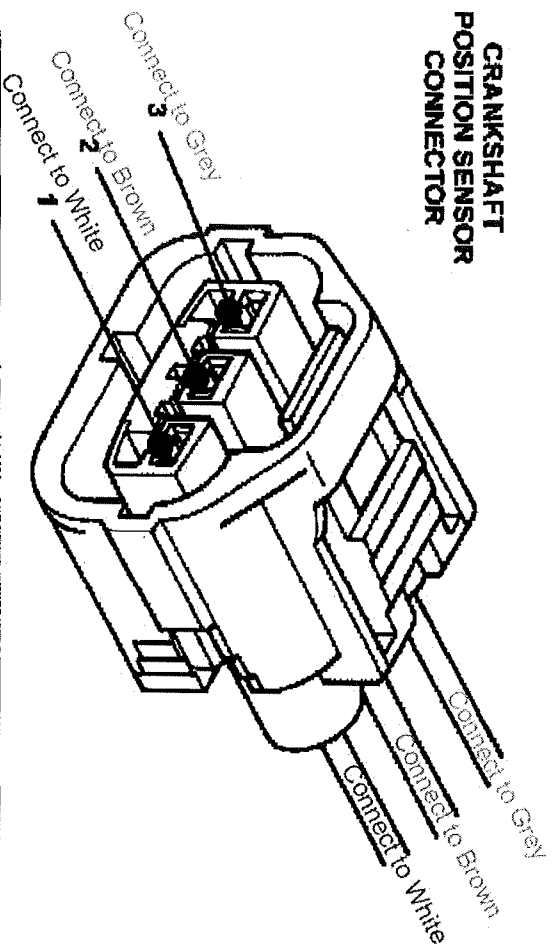
Wiring harness connector wiring



The above diagram is for the female side of the connector, on the wiring harness side, and is from the perspective of looking into the connector.

NOTE: If you are using the Dodge PCM, do not connect the Brown or **White** wire.

The late model ('97/'98) 12v and/or 6BT sensor wiring:



CAV	COLOR	FUNCTION
1	VTAWT	5-VOLT SUPPLY
2	BK/LB	SENSOR GROUND
3	GY/BK	CRANKSHAFT POSITION SENSOR SIGNAL