Department: Service
Section: Engine
Model(s): GH7
Model Year(s): 2011, 2012 & 2013
Effective Date: February 16, 2018
Form #: TB EN-60
Rev #: N/A
Supersedes: N/A

SUBJECT: Exhaust Gas Recirculation (EGR) Differential Pressure Sensor

Purpose: This is the permanent solution to replace EGR pressure sensors from a Kavlico-made to a Sensata-made.

Note: It is **NOT** necessary to replace the entire engine harness when a new type sensor is being installed.

Please use the following parts in the table to install a Sensata-made sensor. It is required to cut off the current harness and connect it with a new harness.

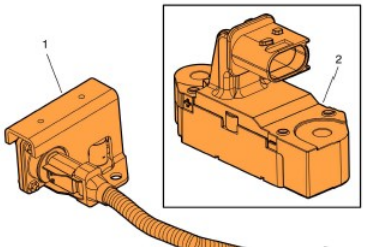
Note: Once a vehicle has been updated with the new style EGR differential pressure sensor, future repairs of these components should be performed individually and not with the update kit.

For Engine GH7

Part Number	Part Name	Qty
146129Z01A	O-RING	2
2422000Z0H	CABLE TIE	1
282299Z02D	FLANGE SCREW	2
5221823129	SPACER	1
5222069618	EGR DP AFTERMARKET KIT	1
5222181342	PRESSURE SENSOR	1

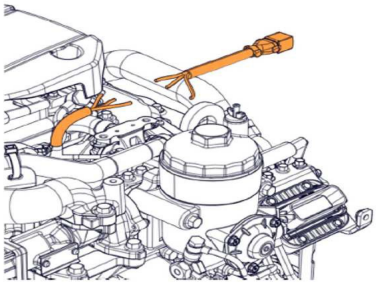
Old Style EGR Differential Pressure Sensor (1)

New Style EGR Differential Pressure Sensor (2)



Installation of New Pressure Sensor and Harness:
Install New Pressure Sensor first. Then measure before cutting existing harness to ensure adequate length for splice.

Cut the Engine harness as shown and Install the New harness furnished in the kit following the color code below.



Wire colors

New harness		Engine harness
Brown	>>>>>>>>>>>	Brown
Yellow	>>>>>>>>>>>	Brown / white strip
Green	>>>>>>>>>>>	Green / white strip

Please also refer to Function Group 371: Cable Repair under Service tab of IMPACT (Identity: 139447447)