



Technical Service Bulletin

SUBJECT:		No: TSB-13-13-003	
KNOCK SENSOR DIAGRAM UPDATE – SERVICE MANUAL REVISION		DATE: February, 2013	
		MODEL: 2009–2010 Outlander	
CIRCULATE TO:	<input type="checkbox"/> GENERAL MANAGER	<input type="checkbox"/> PARTS MANAGER	<input checked="" type="checkbox"/> TECHNICIAN
<input checked="" type="checkbox"/> SERVICE ADVISOR	<input checked="" type="checkbox"/> SERVICE MANAGER	<input type="checkbox"/> WARRANTY PROCESSOR	<input type="checkbox"/> SALES MANAGER

PURPOSE

This TSB updates the diagrams regarding the knock sensor's location and connector number in the service manual of affected vehicles.

AFFECTED VEHICLES

2009–2010 Outlander with 3.0L Engine

AFFECTED SERVICE MANUALS

2009 Outlander Service Manual

Group 70: Component Locations – Sensor

Group 80: Configuration Diagrams – Engine and Transaxle <3.0L Engine>

Group 90: Circuit Diagrams – MFI System <3.0L Engine>

2010 Outlander Service Manual

Group 70: Component Locations – Sensor

Group 80: Configuration Diagrams – Engine and Transaxle <3.0L Engine>

Group 90: Circuit Diagrams – MFI System <3.0L Engine>

Continued

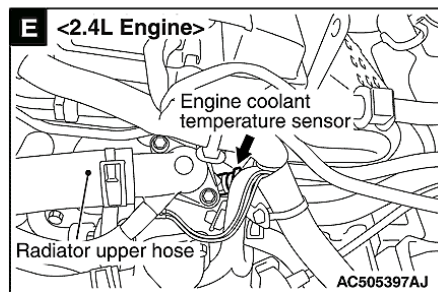
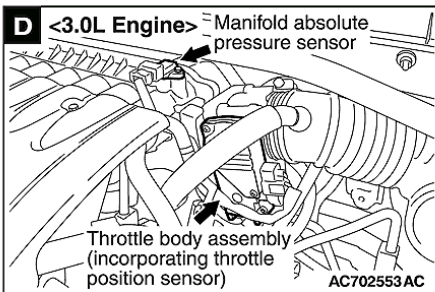
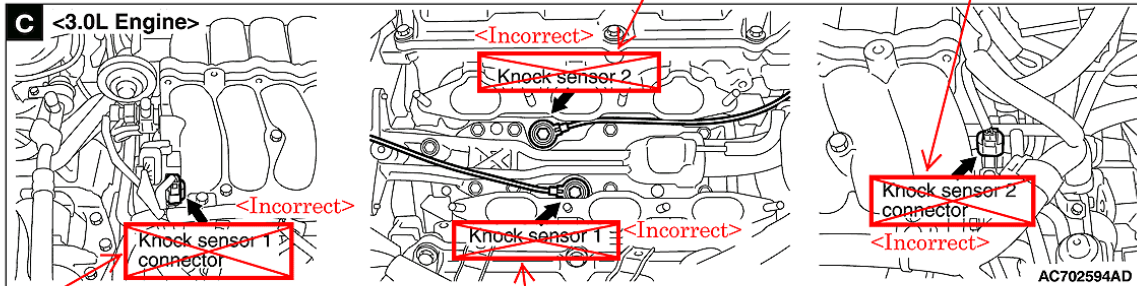
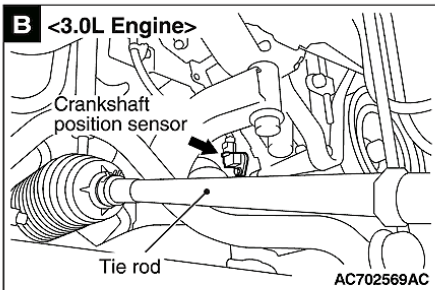
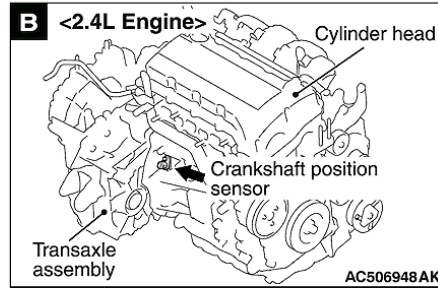
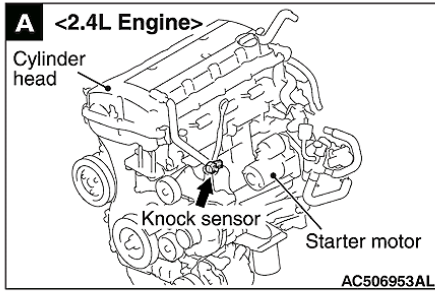
Copyright 2013, Mitsubishi Motors North America, Inc.

(3965)

The information contained in this bulletin is subject to change. For the latest version of this document, go to the Mitsubishi Dealer Link, MEDIC, or the Mitsubishi Service Information website (www.mitsubishitechinfo.com).

For the 2009 Outlander Service Manual Group 70: Components Location – Sensor, please update the diagram displaying the knock sensor’s location as follows:

SENSOR



<Correct>
Knock sensor 1

<Correct>
Knock sensor 1 connector

Knock sensor 2 connector
<Correct>

Knock sensor 2
<Correct>

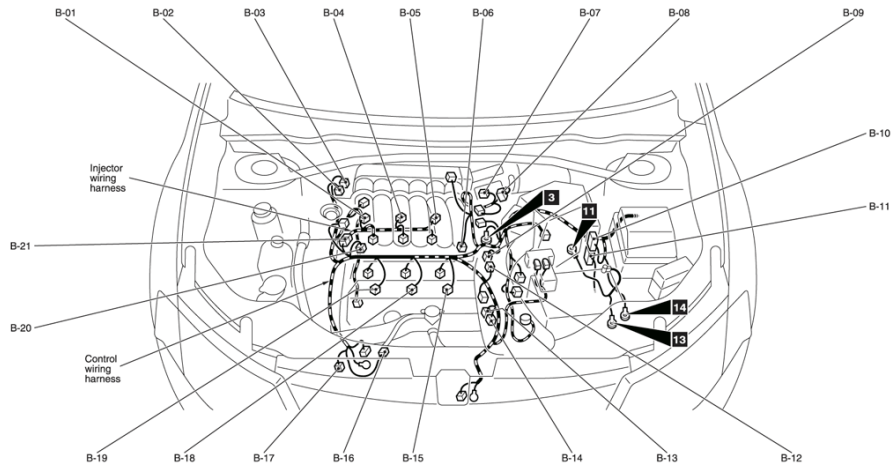
For the 2009 Outlander Service Manual Group 80: Configuration Diagrams – Engine and Transaxle <3.0L Engine>, please update the diagram displaying the knock sensor’s connector number as follows:

ENGINE AND TRANSAXLE <3.0L ENGINE>

ENGINE AND TRANSAXLE <3.0L ENGINE>

Connector symbol
B
 -01 thru -21

Connector color code
 B: Black
 BR: Brown
 G: Green
 GR: Gray
 L: Blue
 NONE: Milk white
 O: Orange
 R: Red
 V: Violet
 Y: Yellow



- | | |
|---|--|
| B-01 (3-B) No.1 ignition coil | B-12 (6-GR) Exhaust gas recirculation valve |
| B-02 (4-B) Right bank heated oxygen sensor (Rear) | B-13 (4-GR) Left bank heated oxygen sensor (Rear) |
| B-03 (4-GR) Right bank heated oxygen sensor (Front) | B-14 (4-B) Left bank heated oxygen sensor (Front) |
| B-04 (3-B) No.3 ignition coil | B-15 (3-B) No.6 ignition coil |
| B-05 (3-B) No.5 ignition coil | B-16 (1) Engine oil pressure switch |
| B-06 (2-B) Knock sensor 2 <Incorrect> | B-17 (1-B) A/C compressor assembly |
| B-07 (2-B) Evaporative emission purge solenoid | B-18 (3-B) No.4 ignition coil |
| B-08 (6-B) Throttle body assembly | B-19 (3-B) No.2 ignition coil |
| B-09 (2-B) Engine coolant temperature sensor | B-20 (2-B) Knock sensor 1 <Incorrect> |
| B-10 (64-GR) Engine control module | B-21 (10-B) Control wiring harness and injector wiring harness combination |
| B-11 (48-GR) Engine control module | |

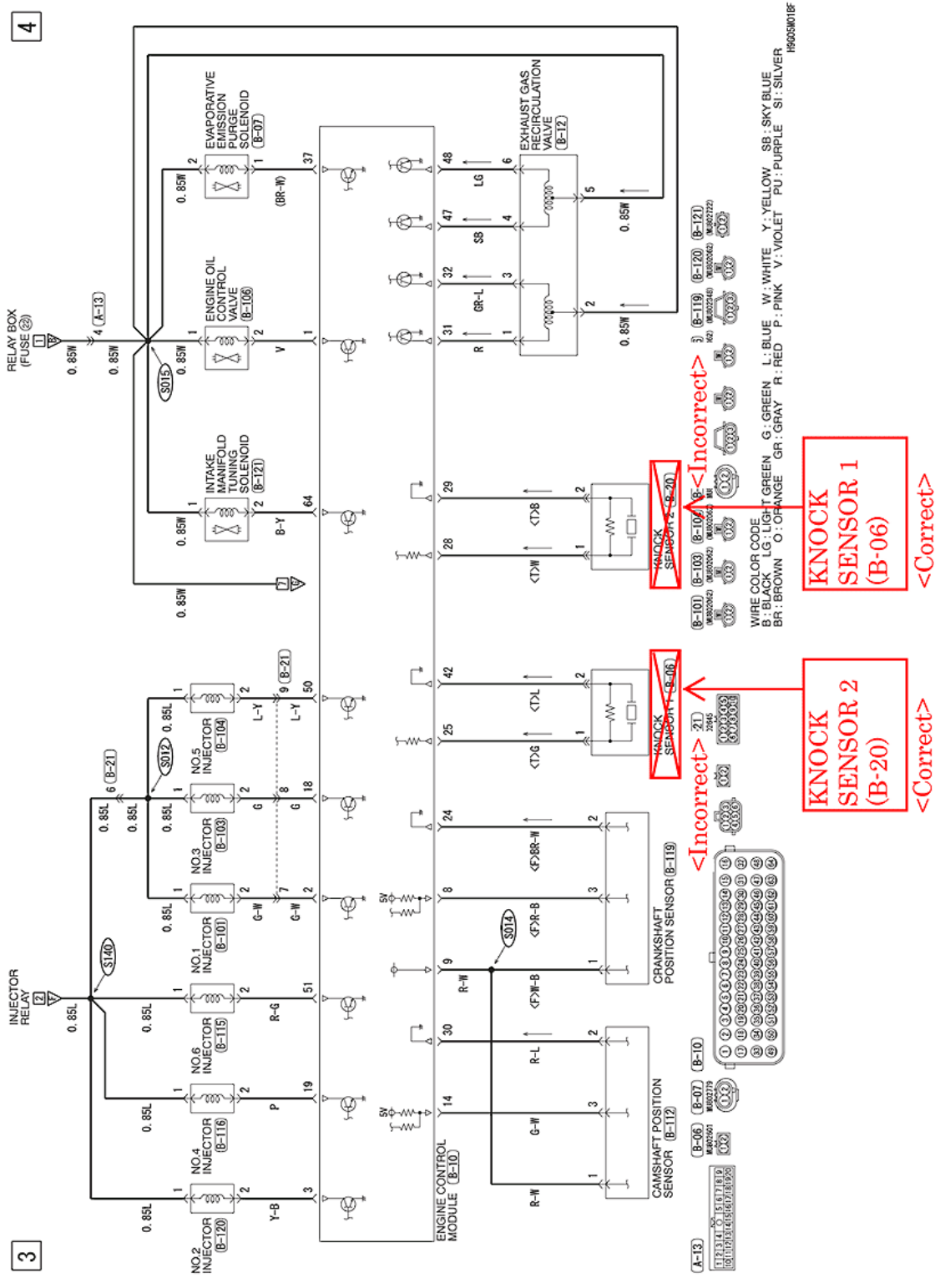
Knock sensor 1
 <Correct>

Knock sensor 2
 <Correct>

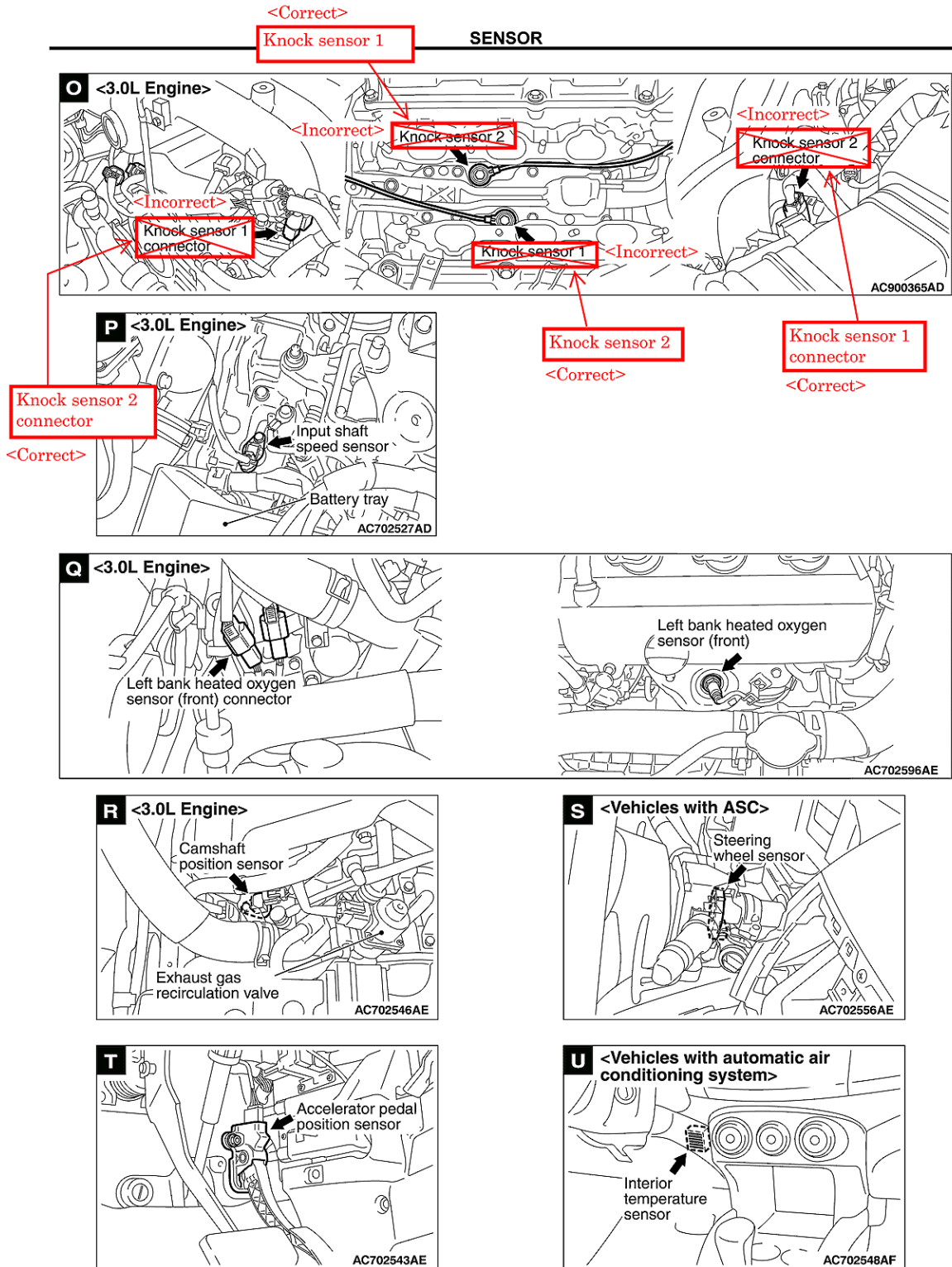
For the 2009 Outlander Service Manual Group 90: Circuit Diagrams – MFI System <3.0L Engine>, please update the diagram displaying the knock sensor’s connector number as follows:

MFI SYSTEM <3.0L ENGINE>

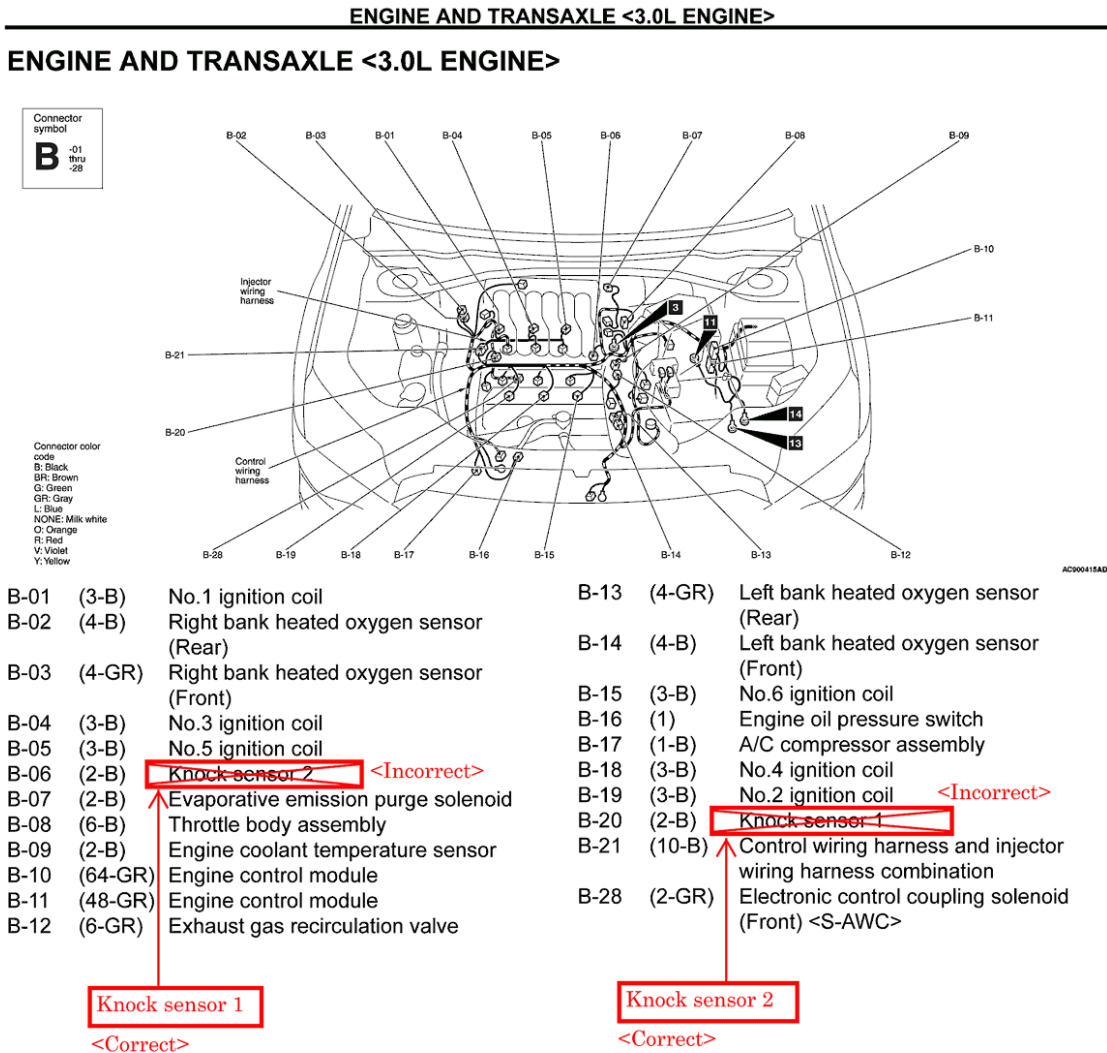
MFI SYSTEM <3.0L ENGINE> (CONTINUED)



For the 2010 Outlander Service Manual Group 70: Components Location – Sensor, please update the diagram displaying the knock sensor’s location as follows:



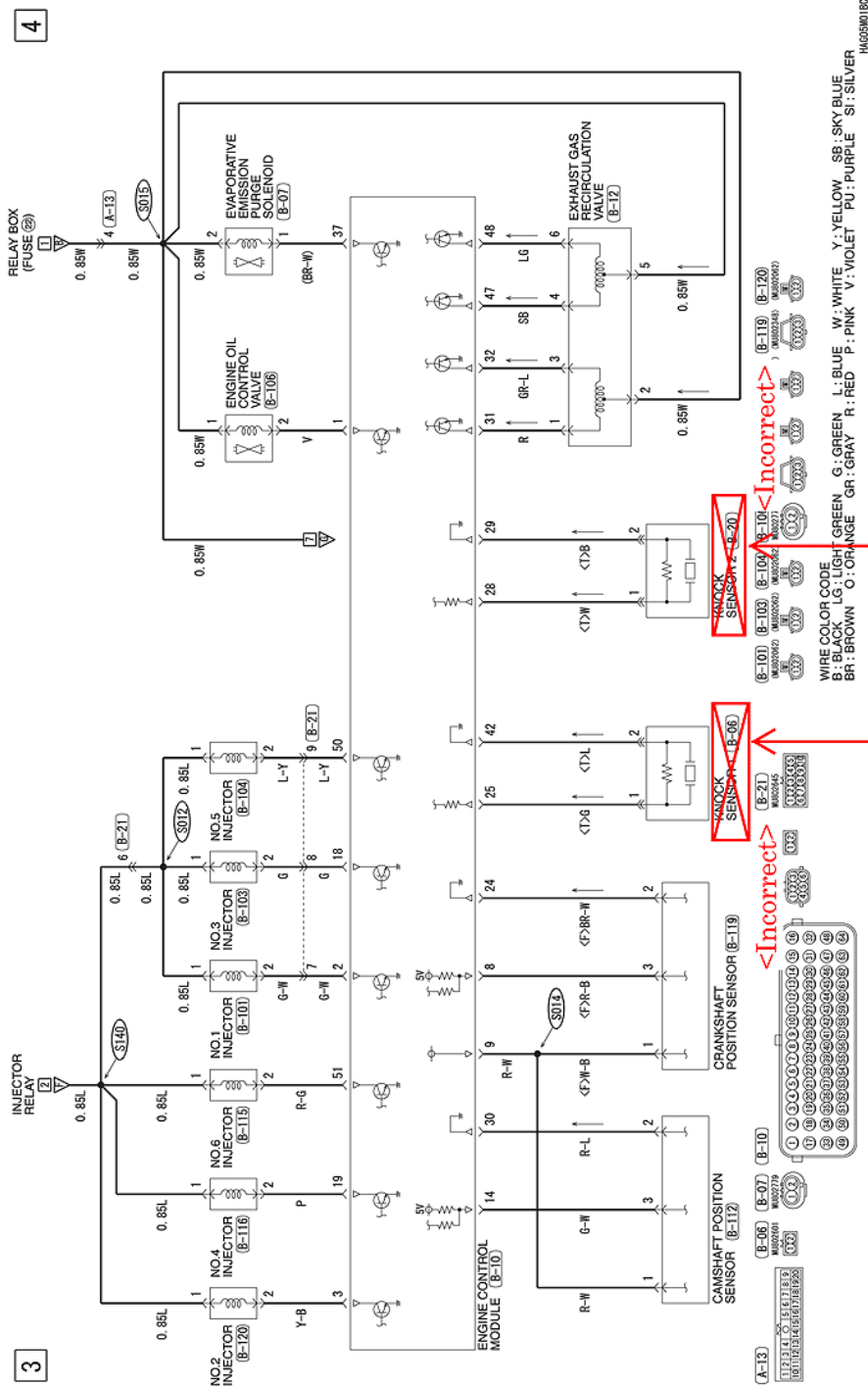
For the 2010 Outlander Service Manual Group 80: Configuration Diagrams – Engine and Transaxle <3.0L Engine>, please update the diagram displaying the knock sensor’s connector number as follows:



For the 2010 Outlander Service Manual Group 90: Circuit Diagrams – MFI System <3.0L Engine>, please update the diagram displaying the knock sensor's connector number as follows:

MFI SYSTEM <3.0L ENGINE>

MFI SYSTEM <3.0L ENGINE> (CONTINUED)



4

3