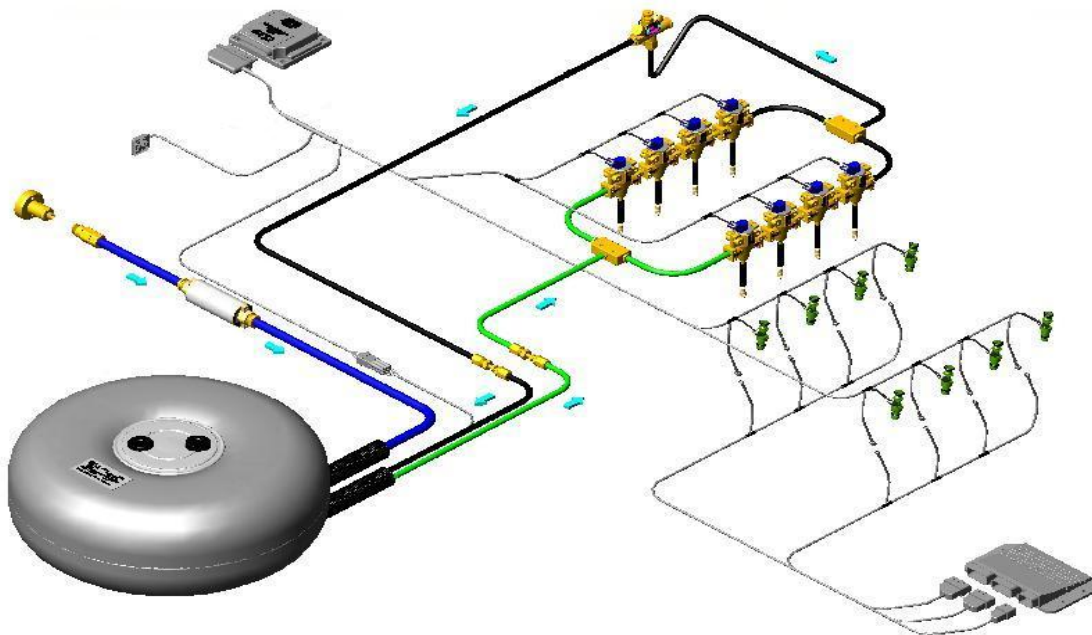




GM FUEL GAUGE RESET MODULE INSTALLATION INSTRUCTIONS (E85 FLEX FUEL VEHICLES)



P14X4-9233-AB

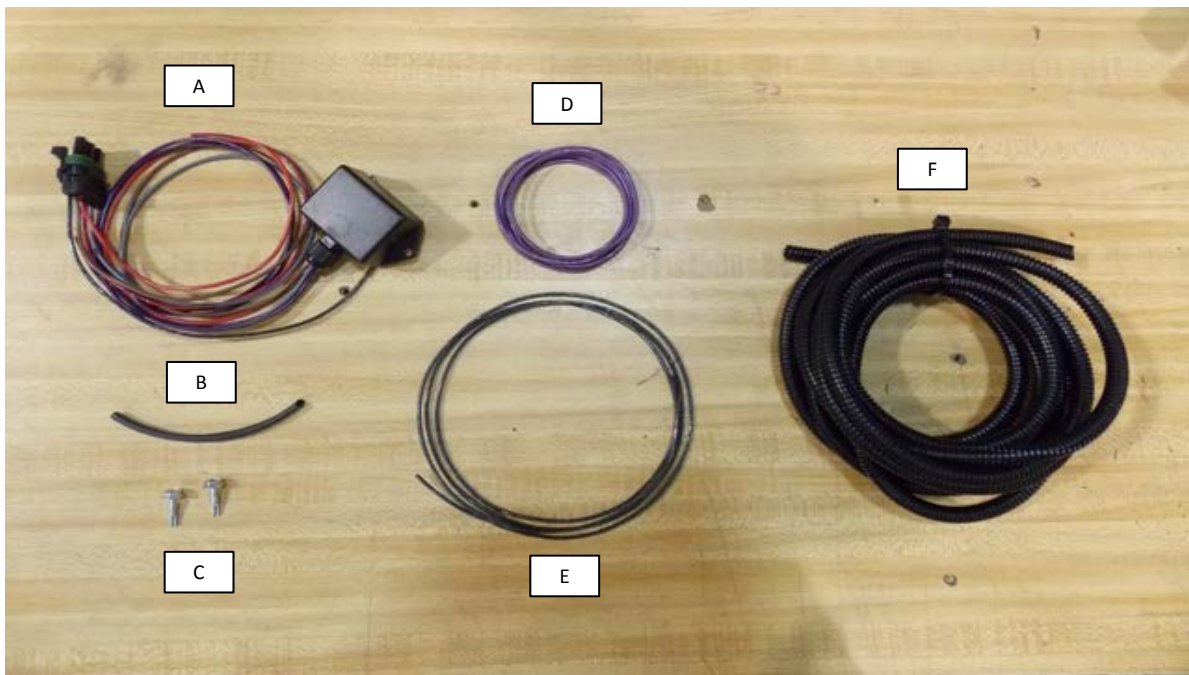
Revision: B - Dated 5/22/14

Replaces: A - Dated 1/20/14

GM FUEL GAUGE RESET MODULE OVERVIEW

HARDWARE CONTENTS

P13X4-4111-AB - GM FUEL GAUGE RESET MODULE KIT	
COMPONENT	QTY
A - FUEL GAUGE RESET MODULE ASSEMBLY	1
B - HEAT SHRINK TUBE - 3/16" (L=6")	1
C - SELF TAP SCREW	2
D - 18 GA. PURPLE WIRE (L=5')	1
E - 18 GA. BLACK WIRE (L=5')	1
F - 1/4" CORRUGATE (L=15')	1



TOOLS REQUIRED

- WIRE CUTTERS
- WIRE STRIPPERS
- SOLDER IRON
- ROSIN CORE SOLDER
- ELECTRICAL TAPE
- RAZOR BLADE
- CORDLESS DRILL W/8mm SOCKET



INSPECTION

TORQUE

CRITICAL PROCESS



ITEM NUMBER



OPERATION



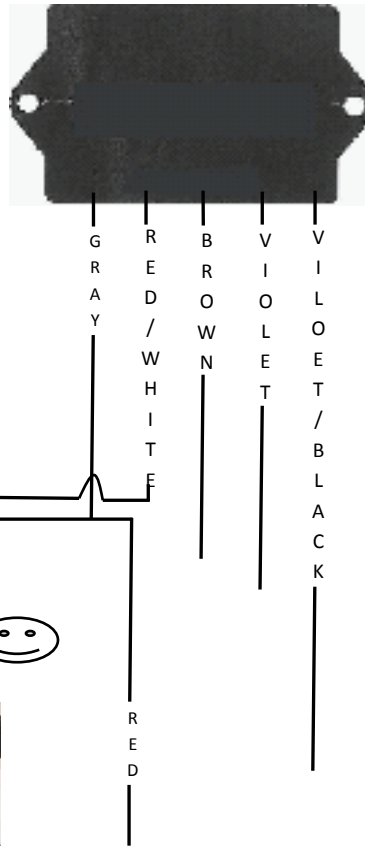
10 A

10) OBTAIN THE FUEL GAUGE RESET MODULE (A)

20) LOCATE THE (3) PIN CONNECTOR LEAD ON THE JTG ENGINE WIRE HARNESS WITH THE WHITE/RED, WHITE AND WHITE/BLACK WIRES

30) ALIGN AND SEAT THE WIRE LEAD CONNECTOR ON THE FUEL GAUGE RESET MODULE INTO THE JTG ENGINE WIRE HARNESS LEAD CONNECTOR
PUSH / PULL CONNECTORS TO VERIFY LOCKED AND FULLY SEATED

1	19
2	20
3	21
4	22
5	23
6	24
7	25
8	26
9	27
10	28
11	29
12	30
13	31
14	32
15	33
16	34
17	35
18	36

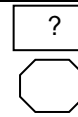


20 30

ITEM	PART NUMBER	QTY	DESCRIPTION	TORQUE	TOOLS
A		1	FUEL GAUGE RESET MODULE ASSY		
				PROCESS NAME	
				GM FUEL GAUGE RESET MODULE INSTALLATION INSTRUCTIONS	
				REV B	
				PROCESS NUMBER	
				P14X4-9233-AB	
				PAGE	
				1 OF 14	

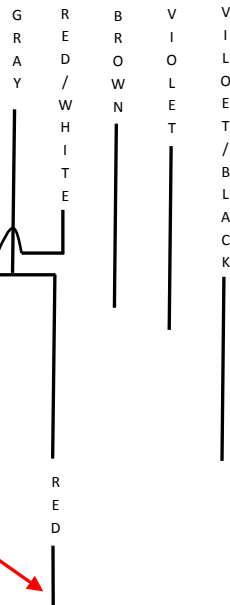


INSPECTION
TORQUE
CRITICAL PROCESS

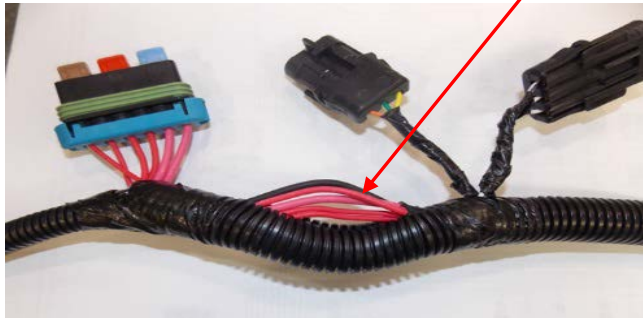


ITEM NUMBER
OPERATION

1	19
2	20
3	21
4	22
5	23
6	24
7	25
8	26
9	27
10	28
11	29
12	30
13	31
14	32
15	33
16	34
17	35
18	36



70



70) ATTACH THE RED WIRE LEAD TO THE STRIPPED PORTION OF THE 14 GAUGE RED WIRE; SOLDER CONNECTION AND SEAL WITH ELECTRICAL TAPE

ITEM	PART NUMBER	QTY	DESCRIPTION	TORQUE	TOOLS
					SOLDER IRON
					ROSEN CORE SOLDER
					ELECTRICAL TAPE
				PROCESS NAME	REV
				GM FUEL GAUGE RESET MODULE INSTALLATION INSTRUCTIONS	B
				PROCESS NUMBER	PAGE
				P14X4-9233-AB	3 OF 14



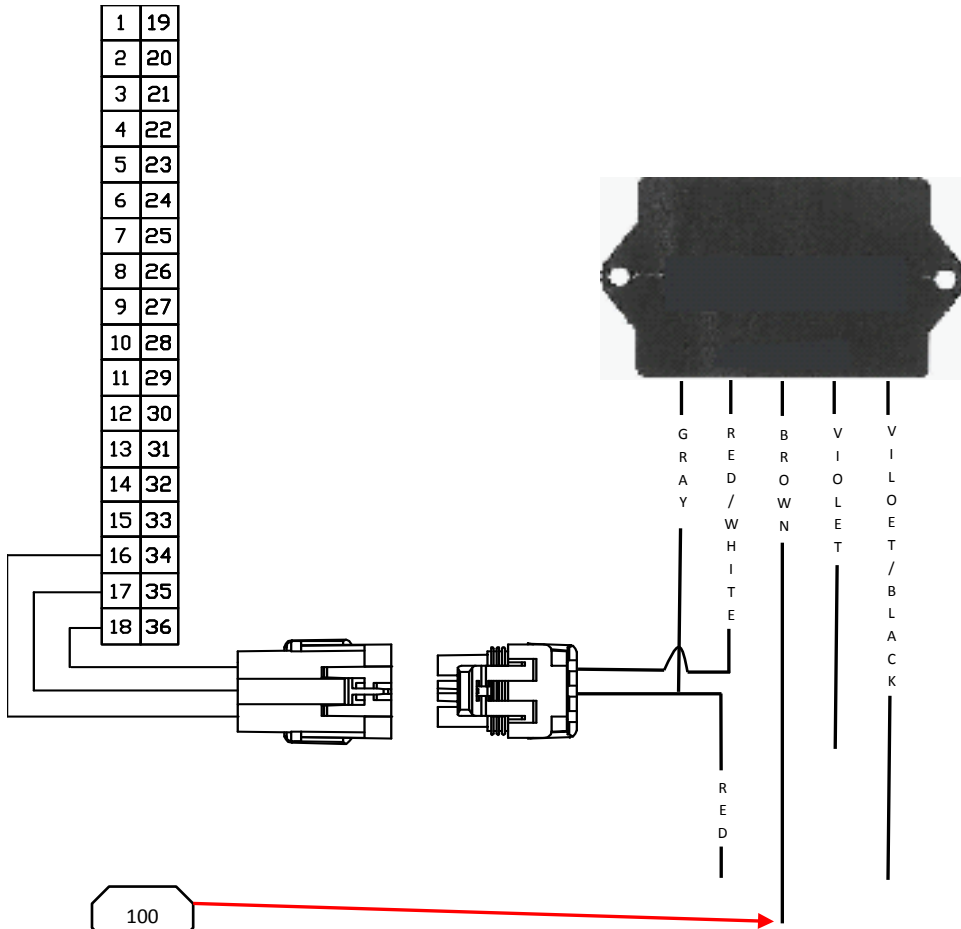
INSPECTION
TORQUE
CRITICAL PROCESS



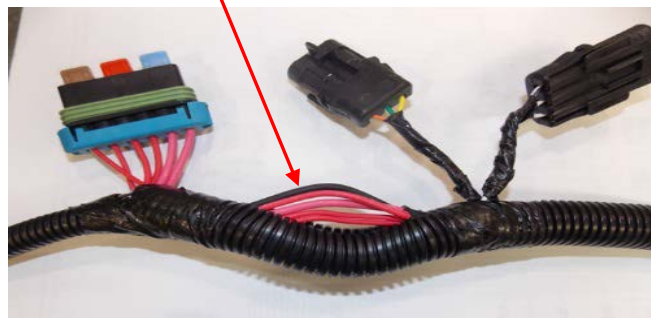
ITEM NUMBER



OPERATION



100



100) ATTACH THE BROWN WIRE LEAD TO THE STRIPPED PORTION OF THE BLACK WIRE; SOLDER CONNECTION AND SEAL WITH ELECTRICAL TAPE

ITEM	PART NUMBER	QTY	DESCRIPTION	TORQUE	TOOLS
					SOLDER IRON
					ROSEN CORE SOLDER
					ELECTRICAL TAPE
				PROCESS NAME	REV
				GM FUEL GAUGE RESET MODULE INSTALLATION INSTRUCTIONS	B
				PROCESS NUMBER	PAGE
				P14X4-9233-AB	5 OF 14



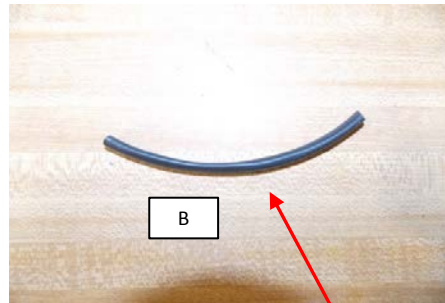
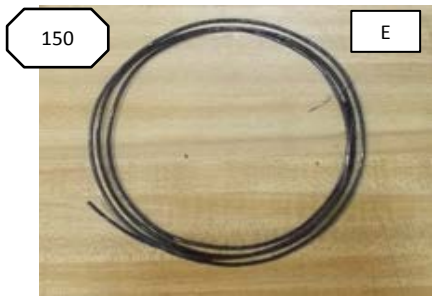
INSPECTION
TORQUE
CRITICAL PROCESS



ITEM NUMBER

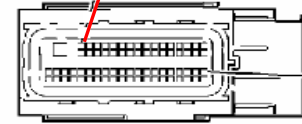


OPERATION

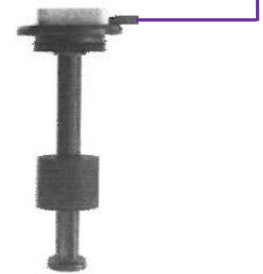
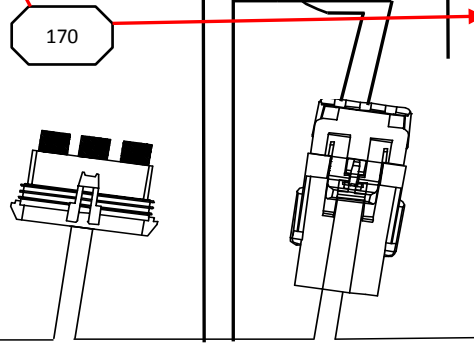


G R A Y
R E D / W H I T E
B R O W N
V I O L E T
V I L O E T / B L A C K

PIN #16



ECM X-1 CONNECTOR



150) OBTAIN THE BLACK 18 GA. WIRE (E)

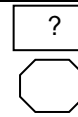
160) USING WIRE STRIPPERS, CAREFULLY REMOVE APPROXIMATELY 1/2" OF WIRE INSULATION FROM ONE END OF THE BLACK 18 GA. WIRE (E)

170) OBTAIN THE HEAT SHRINK TUBE (B); CUT 1-1/2" SECTION OF SHRINK TUBE; INSTALL CUT PORTION OF SHRINK TUBE ONTO THE VIOLET / BLACK WIRE ATTACHED TO THE FUEL GAUGE RESET MODULE

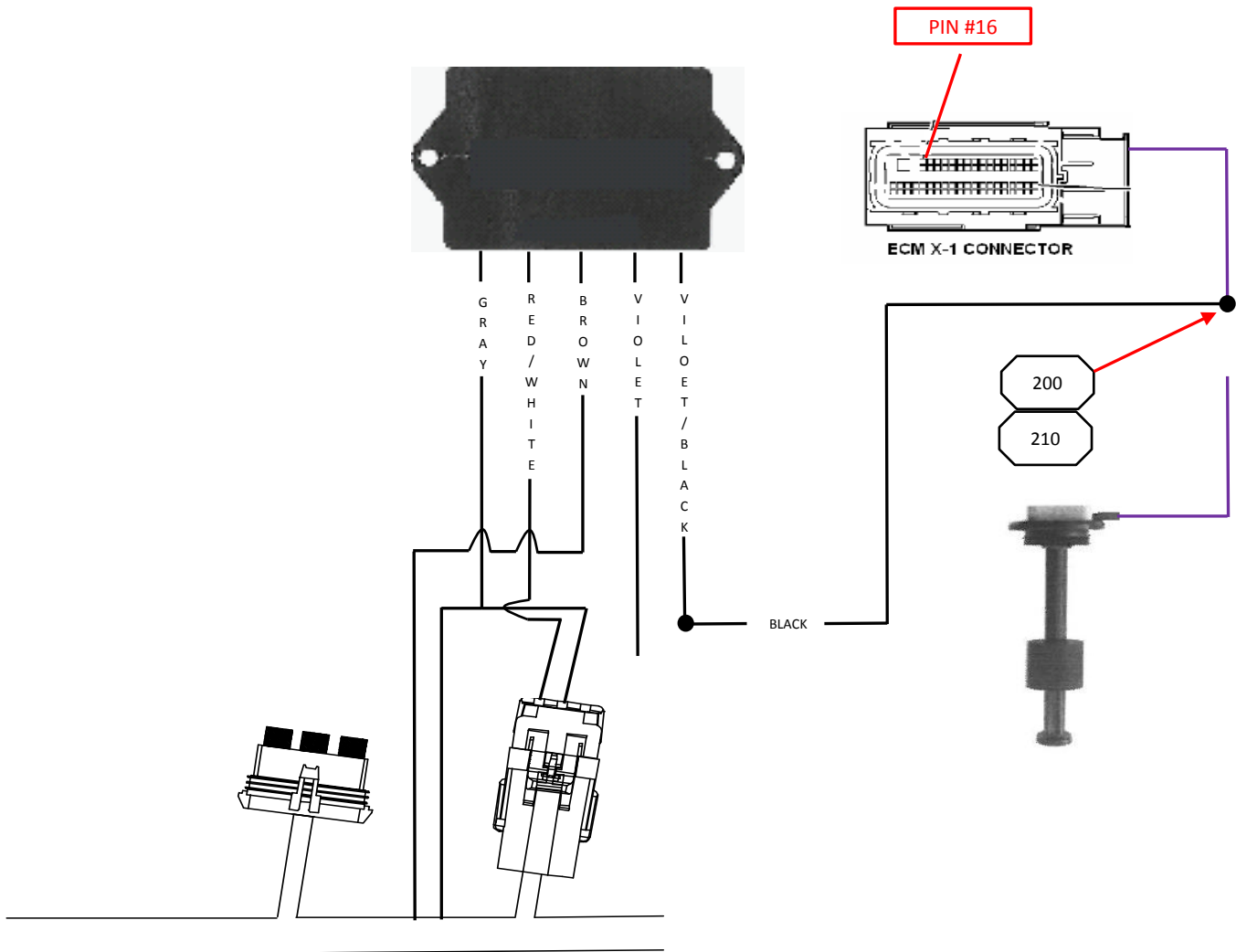
ITEM	PART NUMBER	QTY	DESCRIPTION	TORQUE	TOOLS
B		1	HEAT SHRINK TUBE - 3/16" (L=6")		WIRE STRIPPERS
E		1	BLACK 18 GA. WIRE (L=5')		
PROCESS NAME					REV
GM FUEL GAUGE RESET MODULE INSTALLATION INSTRUCTIONS					B
PROCESS NUMBER					PAGE
P14X4-9233-AB					8 OF 14



INSPECTION
TORQUE
CRITICAL PROCESS



ITEM NUMBER
OPERATION



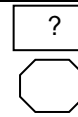
200) ROUTE THE OPPOSITE END OF THE BLACK WIRE TO THE PORTION OF THE VIOLET CUT WIRE GOING TO PIN #16 ON THE OEM ECM CONNECTOR; CUT THE BLACK WIRE TO DESIRED LENGTH; USING WIRE STRIPPERS, REMOVE APPROXIMATELY 1/2" OF INSULATION

210) ATTACH THE BLACK WIRE ONTO THE PORTION OF THE VIOLET CUT WIRE GOING TO PIN #16 ON THE OEM ECM CONNECTOR; SOLDER CONNECTION AND SEAL WITH HEAT SHRINK TUBE

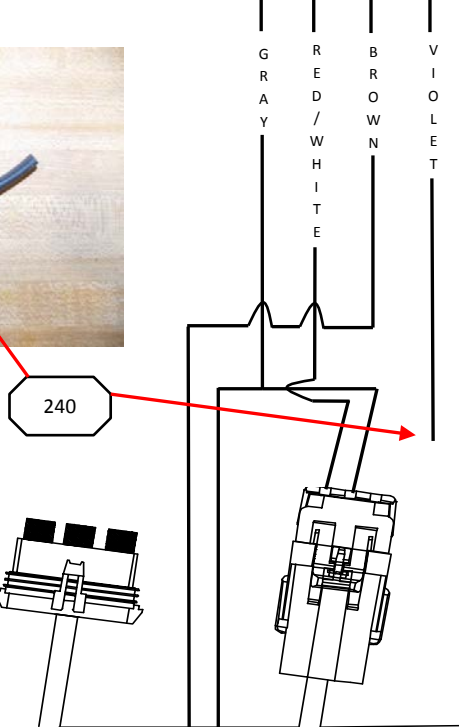
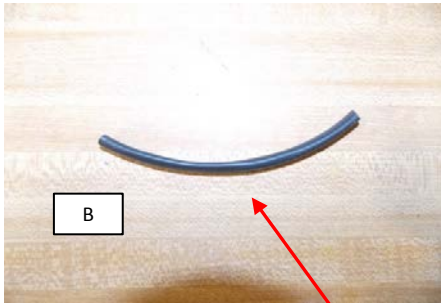
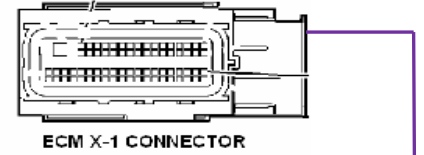
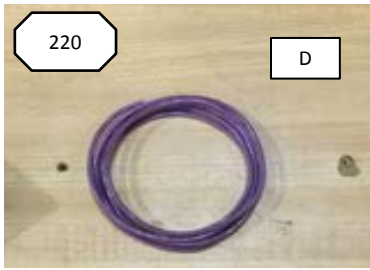
ITEM	PART NUMBER	QTY	DESCRIPTION	TORQUE	TOOLS
					WIRE CUTTERS
					WIRE STRIPPERS
					SOLDER IRON
					ROSEN CORE SOLDER
PROCESS NAME					REV
GM FUEL GAUGE RESET MODULE INSTALLATION INSTRUCTIONS					B
PROCESS NUMBER					PAGE
P14X4-9233-AB					10 OF 14



INSPECTION
TORQUE
CRITICAL PROCESS



ITEM NUMBER
OPERATION



220) OBTAIN THE PURPLE 18 GA. WIRE (D)

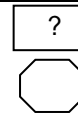
230) USING WIRE STRIPPERS, CAREFULLY REMOVE APPROXIMATELY 1/2" OF WIRE INSULATION FROM ONE END OF THE PURPLE 18 GA. WIRE (D)

240) OBTAIN THE HEAT SHRINK TUBE (B); CUT 1-1/2" SECTION OF SHRINK TUBE; INSTALL CUT PORTION OF SHRINK TUBE ONTO THE VIOLET WIRE ATTACHED TO THE FUEL GAUGE RESET MODULE

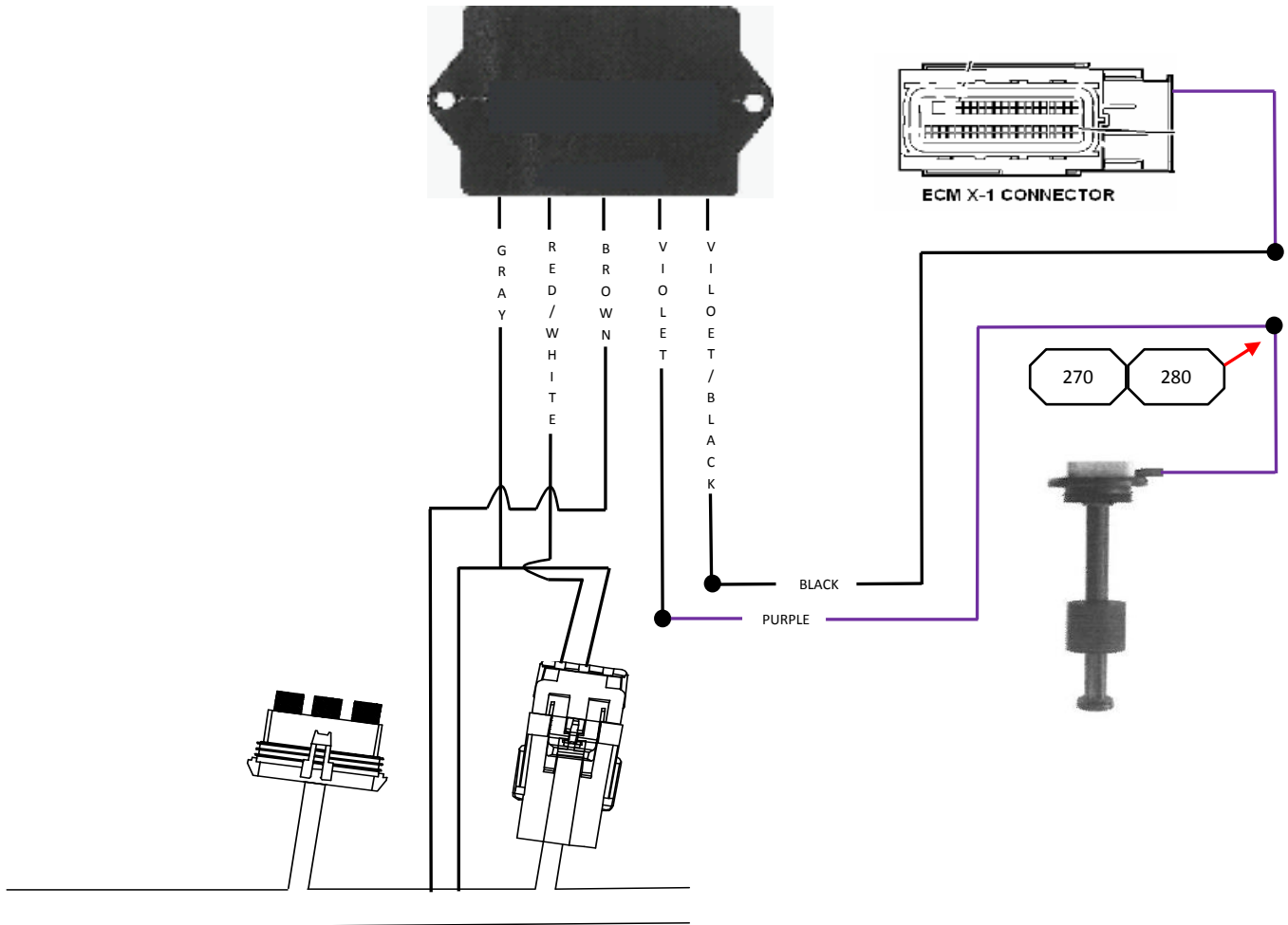
ITEM	PART NUMBER	QTY	DESCRIPTION	TORQUE	TOOLS
B		1	HEAT SHRINK TUBE - 3/16" (L=6")		WIRE STRIPPERS
D		1	PURPLE 18 GA. WIRE (L=5')		
PROCESS NAME					REV
GM FUEL GAUGE RESET MODULE INSTALLATION INSTRUCTIONS					B
PROCESS NUMBER					PAGE
P14X4-9233-AB					11 OF 14



INSPECTION
TORQUE
CRITICAL PROCESS



ITEM NUMBER
OPERATION



270) ROUTE THE OPPOSITE END OF THE PURPLE WIRE TO THE PORTION OF THE VIOLET CUT WIRE GOING TO THE FUEL PUMP MODULE IN THE GASOLINE TANK; CUT THE PURPLE WIRE TO DESIRED LENGTH; USING WIRE STRIPPERS, REMOVE APPROXIMATELY 1/2" OF INSULATION

280) ATTACH THE PURPLE WIRE ONTO THE PORTION OF THE VIOLET CUT WIRE GOING TO THE FUEL PUMP MODULE; SOLDER CONNECTION AND SEAL WITH HEAT SHRINK TUBE

ITEM	PART NUMBER	QTY	DESCRIPTION	TORQUE	TOOLS
					WIRE CUTTERS
					WIRE STRIPPERS
					SOLDER IRON
					ROSEN CORE SOLDER
PROCESS NAME					REV
GM FUEL GAUGE RESET MODULE INSTALLATION INSTRUCTIONS					B
PROCESS NUMBER					PAGE
P14X4-9233-AB					13 OF 14



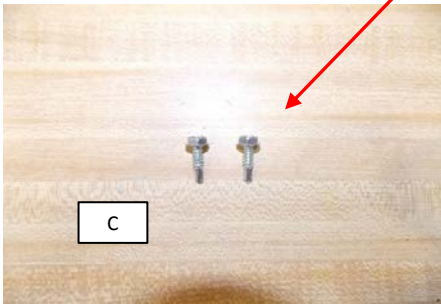
INSPECTION
TORQUE
CRITICAL PROCESS



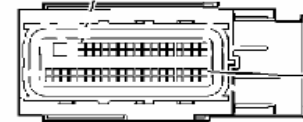
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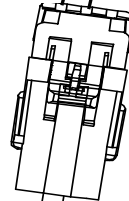
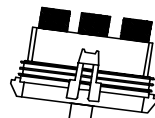
OPERATION



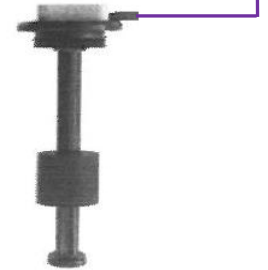
G R A Y
R E D / W H I T E
B R O W N
V I O L E T
V I O L E T / B L A C K



ECM X-1 CONNECTOR



BLACK
PURPLE



290

290) INSERT WIRES BACK INTO WIRE LOOM AND SEAL AROUND THE WIRE LOOM WITH ELECTRICAL TAPE

300) INSTALL 1/4" CORRUGATE (F) ONTO ALL OF THE EXPOSED FUEL GAUGE RESET MODULE WIRES

310) OBTAIN THE (2) SELF TAP SCREWS (C); SECURE MODULE AWAY FROM IGNITION, HEAT AND WATER SOURCES

ITEM	PART NUMBER	QTY	DESCRIPTION	TORQUE	TOOLS
C		2	SELF TAP SCREW		ELECTRICAL TAPE
F		1	1/4" CORRUGATE (L=15')		CORDLESS DRILL 8mm SOCKET
PROCESS NAME					REV
GM FUEL GAUGE RESET MODULE INSTALLATION INSTRUCTIONS					B
PROCESS NUMBER					PAGE
P14X4-9233-AB					14 OF 14