

PE15-030

FLAT CHRYSLER

11-24-2015

ENCLOSURE 6

Service Info

Question #5 (WK / WD)

g. Labor operation number(s);

LOP	Description
210060	Transmission Replace 8HP70
210062	Transmission Replace 845RE
219501	Valve Body Replace
217527	Automatic Gearshift Cable
210103	Automatic Transmission Shifter
217524	Manual Release Lever
081977	Shifter Base
217513	Shift Knob
854120	Diagnostic labor (Transmission Mechanical)
854121	Diagnostic labor (Transmission Driveability)

h. Problem code(s); See Diagnostic Trouble Codes

1. Diagnostic trouble code(s);

TCU Diagnostic Trouble Codes

DTC	Description	OBD	MIL
P1D77	Park Solenoid Range/Performance	yes	1st Trip
P1D78	Park Solenoid Circuit Low	yes	1st Trip
P1D77	Park Solenoid Range/Performance	yes	1st Trip
P1D79	Park Solenoid Circuit High	yes	1st Trip
P1D8A	Park Pawl Solenoid Circuit Low	yes	1st Trip
P1D8B	Park Pawl Solenoid Circuit High	yes	1st Trip
P1D8C	Park Pawl Solenoid Circuit Open	yes	1st Trip
P1D8D	Park Sense Circuit Low	yes	1st Trip
P1D8E	Park Sense Circuit High	yes	1st Trip
P1DCA	Park Sense Circuit Open	yes	1st Trip
P1DD0	TCM Monitoring Processor Performance - Unallowed Park Engagement	yes	1st Trip
P0850	Park/Neutral Switch Input Circuit	yes	1st Trip
P081C	Park Input Circuit	yes	1st Trip
P1B14	Park-By-Wire - Unintended Park Position	yes	1st Trip
P1B13	Park-By-Wire - Unintended Out of Park Position	no	Triggers EVIC messages and Chime to inform Driver of Trans State

ESM Diagnostic Trouble Codes

DTC (J2012 Format)	DTC Description	System	DTC (HEX Value)
P0607-00	ECU Internal Performance-	Computer and Auxiliary Outputs 1	\$060700
P0750-00	Shift Solenoid A Control Circuit / Open-	Transmission 1	\$075000
P0755-00	Shift Solenoid B Control Circuit / Open-	Transmission 1	\$075500
P0814-00	Transmission Range Display Circuit-	Transmission 1	\$081400
P0820-00	Gear Lever X-Y Position Sensor Circuit-	Transmission 1	\$082000
P1C73-00	Park Switch Circuit Stuck-	Manufacturer Specific P Codes	\$1C7300
P1C85-2A	Shift Lever-Stuck	Manufacturer Specific P Codes	\$1C852A
P1C86-14	PRNDL Display-Circuit Short to Ground or Open	Manufacturer Specific P Codes	\$1C8614
P1C87-2A	Trigger Switch-Stuck	Manufacturer Specific P Codes	\$1C872A
P1C87-92	Trigger Switch-Performance or Incorrect Operation	Manufacturer Specific P Codes	\$1C8792
P1C88-00	Park Switch Circuit Performance-	Manufacturer Specific P Codes	\$1C8800
U0002-88	CAN C Bus Off Performance-Bus Off	Network Electrical (ISO)	\$C00288

U0074-00	Dedicated Powertrain (D-PT) CAN Bus Off-	Network Electrical (ISO)	\$C07400
U0101-08	Lost Communication with TCM-Bus Signal / Message Failures	Network Communication (ISO)	\$C10108
U0402-00	Implausible Data Received From TCM-	Network Data (ISO)	\$C40200
U1175-00	Lost Ignition Status Message-	Network Communication (DCX)	\$D17500
U145D-00	Implausible Data Received From TCM On D-PT-	Network Data (DCX)	\$D45D00

J. Replacement part number(s) and description(s);

List of part number that could but not necessarily linked to the alleged defect. Note: FCA does not service individual components related to the Park System (park pawl, sensors, solenoids, etc) but rather sub-assemblies

Production P/N	Service P/N	Description
68166105AE	68166105AE	2014 WK Shifter Assy (Monostable)
1YY69DX9AB 1YY69LU5AB 1YY69LC5AB 1ZA47DX9AB 1YY67DX9AA	1YY69DX9AB 1YY69LU5AB 1YY69LC5AB 1ZA47DX9AB 1YY67DX9AA	2014 WK Shift Knob & Shrouds
56054430AE	56054430AE	2014 WD Shifter Assy (Rotary)
04800733AA,AC, AD, AE, AF, AG, AH, AI,AJ, 68214793AA, AB	68220733AJ/RL220733AJ	2014 WK Transmission Assy (845RE 3.6L 4x4)
68200511AA, AC	68220733AJ/RL220733AJ	2014 WD Transmission Assy (845RE 3.6L 4x4)
04800736AD, AE, AF, AG, AH, AI	68223650AI/RL223650AI	2014 WK Transmission Assy (845RE 3.6L 4x2)
68200514AA-AC	68223650AI/RL223650AI	2014 WD Transmission Assy (845RE 3.6L 4x2)
52854875AC, AD, AE, AG, AG	68224875AG/RL224875AG	2014 WK Transmission Assy (8HP70 3.0L 4x4)
52854876AB, AC, AD, AE, AF	68224876AF/RL224876AF	2014 WK Transmission Assy (8HP70 3.0L 4x2)
04800747AC, AD, AF, AG	68223728AG/RL223728AG	2014 WK Transmission Assy (8HP70 5.7L 4x4)
04800746AC, AD, AF	68223727AF/RL223727AF	2014 WK Transmission Assy (8HP70 5.7L 4x2)
52108933AA, AB, AC, AD	68223728AG/RL223728AG	2014 WD Transmission Assy (8HP70 5.7L 4x4)
52108924AA, AB, AC	68223727AF/RL223727AF	2014 WD Transmission Assy (8HP70 5.7L 4x2)
52854865AC,AD,AE,AF,AH	68224865AH/RL224865AH	2014 WK Transmission Assy (8HP70 6.4L AWD)
68251817AA, AB	68260786AB/RL260786AB	2015 WK/WD Transmission Assy (845RE 3.6L 4x4)
68251816AA, AB	68260779AB/RL260779AB	2015 WK/WD Transmission Assy (845RE 3.6L 4x2)
68239113AA, 04800747AG, 68264871AA	68279113AA/RL279113AA/68267771AA/RL267771AA	2015 WK/WD Transmission Assy (8HP70 5.7L 4x4)
68239112AA, 04800746AF, 68264870AA	68269112AA/RL269112AA/68267742AA/RL267742AA	2015 WK/WD Transmission Assy (8HP70 5.7L 4x2)
52854875AH	68224875AH/RL224875AH	2015 WK Transmission Assy (8HP70 3.0L 4x4)
52854876AG	68224876AG/RL224876AG	2015 WK Transmission Assy (8HP70 3.0L 4x2)
68189077AB, 52854865AH, 68264872AA	68269077AB/RL269077AB/68267784AA/RL267784AA	2015 WK Transmission Assy (8HP70 6.4L AWD)
68249065AA	N/A	Transmission Case (3.6L 4x4)
68249074AA	N/A	Transmission Case (3.6L 4x2)
52854851AB, AC, AD	RL234251AA / RL259301AA / RL259301AB	845RE Valve Body Assy with TCU, Solenoids, Park Sensors, etc
68227332AA, 68235738AA	RL227332AA, RL235738AA	2014 Valve Body Assy with TCU, Solenoids, Park Sensors, etc (8HP70)
68227332AA, 68261176AA	RL227332AA, RL261176AA	2015 Valve Body Assy with TCU, Solenoids, Park Sensors, etc (8HP70)
68144637AB, AC, AD	68144637AB, AC, AD	WK/WD Manual Park Release (MPR) Lower Cable
68106125AB, AC	68106125AB, AC	WK/WD Manual Park Release (MPR) Upper Cable