



# Technical Service Bulletin

SUBJECT:			No: <b>TSB-19-23-005</b>
<b>CORRECTION TO TORQUE CONVERTER PRESSURE FOR HYDRAULIC PRESSURE TEST - SERVICE MANUAL REVISION</b>			DATE: <b>May 2019</b>
			MODEL: <b>See below</b>
<b>CIRCULATE TO:</b>	<input type="checkbox"/> GENERAL MANAGER	<input checked="" type="checkbox"/> PARTS MANAGER	<input checked="" type="checkbox"/> TECHNICIAN
<input checked="" type="checkbox"/> SERVICE ADVISOR	<input checked="" type="checkbox"/> SERVICE MANAGER	<input checked="" type="checkbox"/> WARRANTY PROCESSOR	<input type="checkbox"/> SALES MANAGER

## PURPOSE

This TSB updates the Automatic Transaxle section of the affected Service Manuals, to correct the Torque converter pressure in the standard hydraulic pressure table.

## AFFECTED VEHICLES

- 2016 - 2017 Lancer/Lancer Sportback
- 2016 - 2017 Outlander
- 2015 - 2017 Outlander Sport

## AFFECTED SERVICE MANUAL

- 2016 - 2017 Lancer/Lancer Sportback Service Manual, Group 23-Automatic Transaxle
- 2016 - 2017 Outlander Service Manual, Group 23-Automatic Transaxle
- 2015 - 2017 Outlander Sport Service Manual, Group 23-Automatic Transaxle



Please make the indicated changes to the 2016 - 2017 Lancer/Lancer Sportback Service Manual, Group 23-Automatic Transaxle -> 23A-CVT -> Diagnosis -> Hydraulic Pressure Test.

**CVT  
 DIAGNOSIS**

**Standard hydraulic pressure table**

Measuring conditions		Standard hydraulic pressure MPa (psi)				
Selector lever position	Engine speed	Forward clutch pressure [Pressure at FWD]	Reverse brake pressure [Pressure at REV]	Primary pressure [Pressure at PRI]	Line pressure [Pressure at PL]	Torque converter [Pressure at DR]
P	Idling	0 (0)	0 (0)	0.1 – 1.5 (15 – 218)	0.5 – 1.8 (73 – 261)	<del>0.4 – 0.7 (58 – 102)</del>
R		0 (0)	0.2 – 1.5 (29 – 218)	0.1 – 1.5 (15 – 218)	0.5 – 1.8 (73 – 261)	<del>0.4 – 0.7 (58 – 102)</del>
N		0 (0)	0 (0)	0.1 – 1.5 (15 – 218)	0.5 – 1.8 (73 – 261)	<del>0.4 – 0.7 (58 – 102)</del>
D		0.2 – 1.5 (29 – 218)	0 (0)	0.1 – 1.5 (15 – 218)	0.5 – 1.8 (73 – 261)	<del>0.4 – 0.7 (58 – 102)</del>
L <Vehicles without sport mode>		0.2 – 1.5 (29 – 218)	0 (0)	0.1 – 1.5 (15 – 218)	0.5 – 1.8 (73 – 261)	<del>0.4 – 0.7 (58 – 102)</del>

<Correct>  
 0.05 – 0.65 MPa (7 – 94 psi)

Please make the indicated changes to the 2016 Outlander Service Manual, Group 23-Automatic Transaxle -> 23A-CVT -> Diagnosis -> Hydraulic Pressure Test.

**CVT  
 DIAGNOSIS**

**Standard hydraulic pressure table**

Measuring conditions		Standard hydraulic pressure MPa (psi)				
Selector lever position	Engine speed	Forward clutch pressure [Pressure at FWD]	Reverse brake pressure [Pressure at REV]	Primary pressure [Pressure at PRI]	Line pressure [Pressure at PL]	Torque converter [Pressure at DR] <Incorrect>
P	Idling	0 (0)	0 (0)	0.1 – 1.5 (15 – 218)	0.5 – 1.8 (73 – 261)	<del>0.4 – 0.7 (58 – 102)</del>
R		0 (0)	0.2 – 1.5 (29 – 218)	0.1 – 1.5 (15 – 218)	0.5 – 1.8 (73 – 261)	<del>0.4 – 0.7 (58 – 102)</del>
N		0 (0)	0 (0)	0.1 – 1.5 (15 – 218)	0.5 – 1.8 (73 – 261)	<del>0.4 – 0.7 (58 – 102)</del>
D		0.2 – 1.5 (29 – 218)	0 (0)	0.1 – 1.5 (15 – 218)	0.5 – 1.8 (73 – 261)	<del>0.4 – 0.7 (58 – 102)</del>
L <Vehicles without sport mode>		0.2 – 1.5 (29 – 218)	0 (0)	0.1 – 1.5 (15 – 218)	0.5 – 1.8 (73 – 261)	<del>0.4 – 0.7 (58 – 102)</del>

<Correct>

0.05 – 0.65 MPa (7 – 94 psi)

Please make the indicated changes to the 2017 Outlander Service Manual, Group 23-Automatic Transaxle -> 23A-CVT -> Diagnosis -> Hydraulic Pressure Test.

**CVT  
 DIAGNOSIS <CVT>**

**Standard hydraulic pressure table**

Measuring conditions		Standard hydraulic pressure MPa (psi)				
Selector lever position	Engine speed	Forward clutch pressure [Pressure at FWD]	Reverse brake pressure [Pressure at REV]	Primary pressure [Pressure at PRI]	Line pressure [Pressure at PL]	Torque converter [Pressure at DR]
P	Idling	0 (0)	0 (0)	0.1 – 1.5 (15 – 218)	0.5 – 1.8 (73 – 261)	<del>0.4 – 0.7 (58 – 102)</del>
R		0 (0)	0.2 – 1.5 (29 – 218)	0.1 – 1.5 (15 – 218)	0.5 – 1.8 (73 – 261)	<del>0.4 – 0.7 (58 – 102)</del>
N		0 (0)	0 (0)	0.1 – 1.5 (15 – 218)	0.5 – 1.8 (73 – 261)	<del>0.4 – 0.7 (58 – 102)</del>
D		0.2 – 1.5 (29 – 218)	0 (0)	0.1 – 1.5 (15 – 218)	0.5 – 1.8 (73 – 261)	<del>0.4 – 0.7 (58 – 102)</del>
Ds <Vehicles without paddle shift>		0.2 – 1.5 (29 – 218)	0 (0)	0.1 – 1.5 (15 – 218)	0.5 – 1.8 (73 – 261)	<del>0.4 – 0.7 (58 – 102)</del>
L		0.2 – 1.5 (29 – 218)	0 (0)	0.1 – 1.5 (15 – 218)	0.5 – 1.8 (73 – 261)	<del>0.4 – 0.7 (58 – 102)</del>

<Correct>

0.05 – 0.65 MPa (7 – 94 psi)



Please make the indicated changes to the 2015 - 2017 Outlander Sport Service Manual, Group 23-Automatic Transaxle -> 23A-CVT <F1CJC/W1CJC> -> Diagnosis -> Hydraulic Pressure Test.

**CVT <F1CJC/W1CJC>  
 DIAGNOSIS**

**Standard hydraulic pressure table**

Measuring conditions		Standard hydraulic pressure MPa (psi)				
Selector lever position	Engine speed	Forward clutch pressure [Pressure at FWD]	Reverse brake pressure [Pressure at REV]	Primary pressure [Pressure at PRI]	Line pressure [Pressure at PL]	Torque converter [Pressure at DR]
P	Idling	0 (0)	0 (0)	0.1 – 1.5 (15 – 218)	0.5 – 1.8 (73 – 261)	<del>0.4 – 0.7 (58 – 102)</del>
R		0 (0)	0.2 – 1.5 (29 – 218)	0.1 – 1.5 (15 – 218)	0.5 – 1.8 (73 – 261)	<del>0.4 – 0.7 (58 – 102)</del>
N		0 (0)	0 (0)	0.1 – 1.5 (15 – 218)	0.5 – 1.8 (73 – 261)	<del>0.4 – 0.7 (58 – 102)</del>
D		0.2 – 1.5 (29 – 218)	0 (0)	0.1 – 1.5 (15 – 218)	0.5 – 1.8 (73 – 261)	<del>0.4 – 0.7 (58 – 102)</del>

<Correct>

0.05 – 0.65 MPa (7 – 94 psi)

