



SB-10054412-2968

Technical Service Bulletin

SUBJECT:			No: TSB-13-35-007
BRAKE PEDAL HEIGHT CHECK – SERVICE MANUAL REVISION			DATE: November, 2013
			MODEL: 2014 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 revises the specified brake pedal-to-floor clearance in the affected service manual.

AFFECTED VEHICLES

2014 Outlander

AFFECTED SERVICE MANUALS

2014 Outlander Service Manual, Group 35A Basic Brake

- > Service Specifications
- > On Vehicle Service > Brake Pedal Inspection > Brake Pedal Height Check

Continued

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Please make the following change to the 2014 Outlander Service Manual, Group 35A Basic Brake > Service Specifications

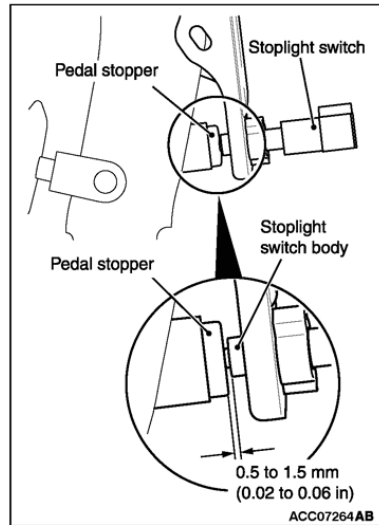
SERVICE SPECIFICATIONS

Item	Standard value	Limit	
Brake pedal height mm (in)	221.8 – 227.8 (8.7 – 9.0)	–	
Dimension from the brake booster stud bolt end to the clevis hole center mm (in)	75.8 – 80.2 (2.98 – 3.16)	–	
Brake pedal play mm (in)	<Incorrect> 3 – 8 (0.12 – 0.31)	–	
Pedal-to-floor clearance when brake pedal is depressed mm (in) [Pedal depression force: approx. 500 N]	85 (3.3) or more	–	
Front disc brake	Pad thickness mm (in)	10.0 (0.39)	2.0 (0.08)
	Brake disc thickness mm (in)	26.0 (1.02)	24.4 (0.96)
	Brake disc runout mm (in)	–	0.06 (0.0024)
	Brake drag force N (lb)	68 (15.3) or less	–
Rear disc brake	Pad thickness mm (in)	9.0 (0.35)	1.5 (0.06)
	Brake disc thickness mm (in)	10.0 (0.39)	8.4 (0.33)
	Brake disc runout mm (in)	–	0.08 (0.0032)
	Brake drag force N (lb)	68 (15.3) or less	–
Brake pedal distortion mm (in)	240 – 246 (9.4 – 9.7)	–	

<Correct>

Pedal-to-floor clearance when brake pedal is depressed mm (in) [Pedal depression force: approx. 500 N (112 pounds)]	65 (2.6) or more	–
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Please make the following change to the 2014 Outlander Service Manual, Group 35A Basic Brake > On Vehicle Service > Brake Pedal Inspection > Brake Pedal Height Check

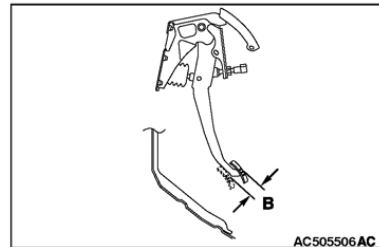


7. After checking the brake pedal height, install the stoplight switch in the following procedure:
 - (1) Insert the stop light switch into the key hole on the plate.
 - (2) While holding the brake pedal upwards, push in the stop light switch to the stop position.
 - (3) Lock the stop light switch body by twisting it clockwise.
 - (4) Check that the clearance between the stoplight switch and the pedal stopper is as shown in the figure.

CAUTION

Make sure that the stoplight is not illuminated when the brake pedal is not depressed.

- (5) Connect the stoplight switch connector.
8. Check the key interlock mechanism and the shift lock mechanism (Refer to GROUP 23A – On-vehicle Service, Shift Lock Mechanism Check).
9. Recover the floor carpet under the brake pedal.

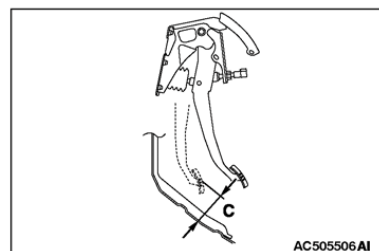


BRAKE PEDAL PLAY CHECK AND ADJUSTMENT

1. With the engine stopped, depress the brake pedal 2 or 3 times to relieve the vacuum in the brake booster. Then, press the brake pedal with your finger and check if the pedal stroke until the pedal becomes heavy (play) is within the standard value.

Standard value (B): 3 – 8 mm (0.12 – 0.31 inch)

2. When the brake pedal play is not within the standard value, check the brake pedal-to-clevis pin looseness, clevis pin-to-booster operating rod looseness, brake pedal height, and stoplight switch position, and adjust or replace as necessary.



BRAKE PEDAL-TO-FLOOR PANEL CLEARANCE CHECK AND ADJUSTMENT

1. Turn up the floor carpet under the brake pedal.
2. Start the engine and depress the brake pedal with approximately 500 N (112 pounds), and measure clearance between the brake pedal and the floor panel. **<Incorrect>**

Standard value (C): ~~85 mm (3.3 inch) or more~~

3. When the clearance is not within the standard value, check for the air in the brake line and thickness of the disc brake pad, and correct or replace as necessary.
4. Recover the floor carpet under the brake pedal. **<Correct>**

65 mm (2.6 inch) or more