

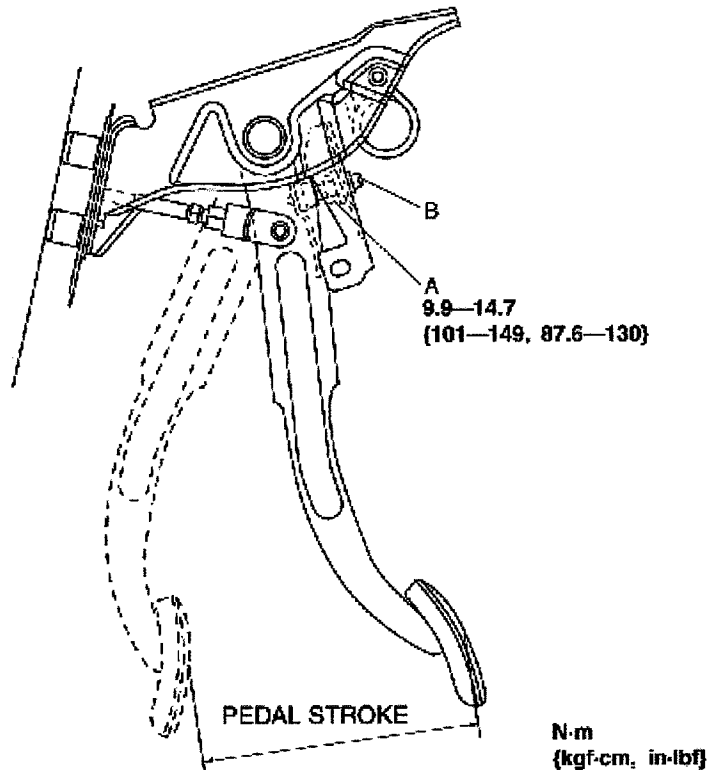
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2009 - MX-5 - Transmission/Transaxle

CLUTCH PEDAL INSPECTION/ADJUSTMENT

Clutch Pedal Stroke Inspection/Adjustment

1. Measure the clutch pedal stroke.



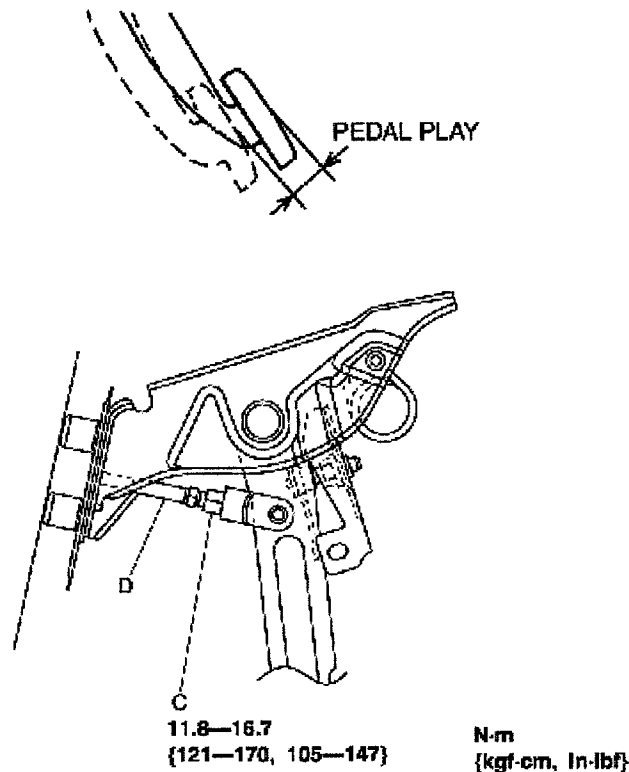
- If there is any malfunction, loosen locknut A and adjust the pedal stroke by adjusting bolt B. Tighten locknut A after adjustment.

Clutch pedal stroke

- 130 mm {5.12 in}

Clutch Pedal Play Inspection/Adjustment

1. Lightly depress the clutch pedal by hand until clutch resistance is felt and then measure the pedal play.



Clutch pedal play

- 5□15 mm {0.20□0.59 in}

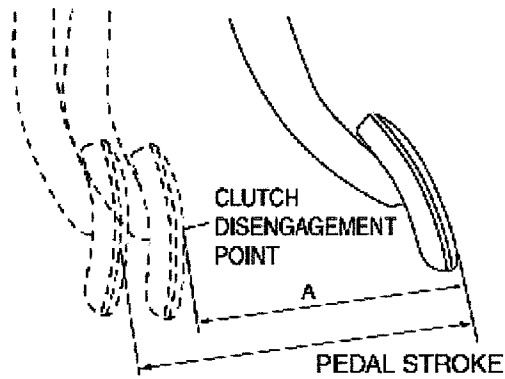
Clutch pedal push rod play

- At push rod setting line: 0.1□0.5 mm {0.004□0.020 in} (Reference value)
- At pedal pad: 0.5□2.7 mm {0.020□0.106 in}

2. If it is not within the specification, loosen locknut C and turn push rod D to adjust the pedal play.
3. Remeasure the pedal play and, if it is within the specification, tighten locknut C.

Clutch Disengagement Point Inspection

1. Start the engine.
2. Without depressing the clutch pedal, move the shift lever slowly to the reverse position until gear noise is heard and hold the lever in that position.
3. Slowly depress the clutch pedal and hold at the point where the gear noise stops (clutch disengagement point).
4. Measure distance A (from pedal not depressed to clutch disengagement point) and verify that it is within the specification.

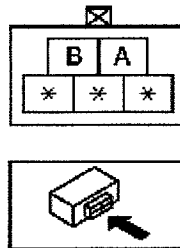


Clutch disengagement stroke (Reference value)

- A: 80□110 mm {3.15□4.33 in}

Clutch Switch Inspection

1. Remove the engine cover.
2. Remove the battery cover.
3. Disconnect the negative battery cable.
4. Disconnect the clutch switch connector.
5. Verify continuity as indicated in the table.



○—○ : Continuity

Condition	Terminal	
	A	B
Clutch pedal depressed	○—○	○—○
Clutch pedal released		

- If there is any malfunction, replace the clutch switch.