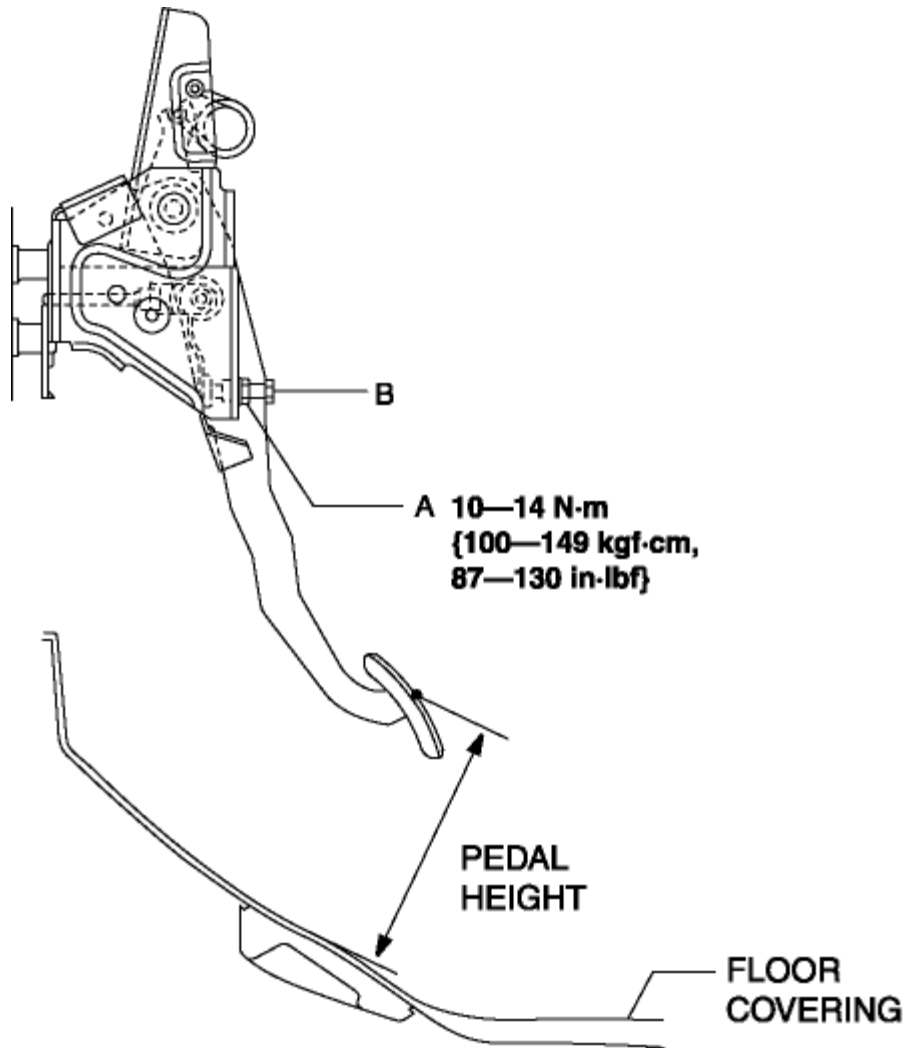


2012 - Mazda6 - Transmission/ Transaxle

CLUTCH PEDAL INSPECTION/ ADJUSTMENT [G66M-R]

Clutch Pedal Height

1. Measure the distance from the center of the upper surface of the pedal pad to the floor covering.



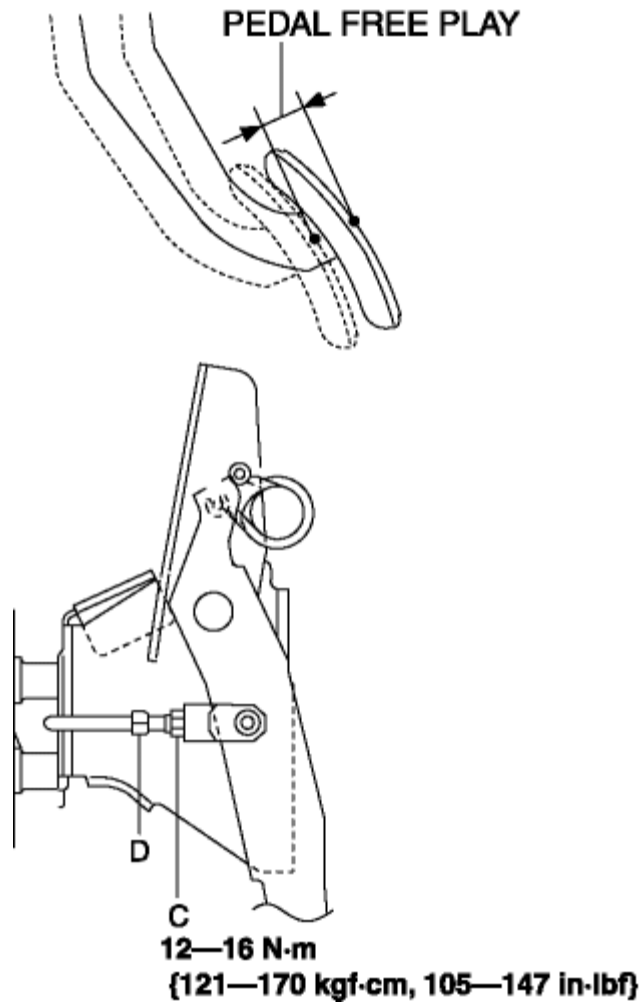
- If not as specified, adjust the pedal height by turning adjustment bolt B and locknut A.

Clutch pedal height (Reference Value)

- 148.8 mm {5.858 in}

Clutch Pedal Free Play

1. Depress the clutch pedal by hand until clutch resistance is felt, and measure the pedal free play.



- If not as specified, adjust the pedal free play by loosening locknut C and turning push rod D as necessary.

Clutch pedal free play

- 15 mm {0.59 in}

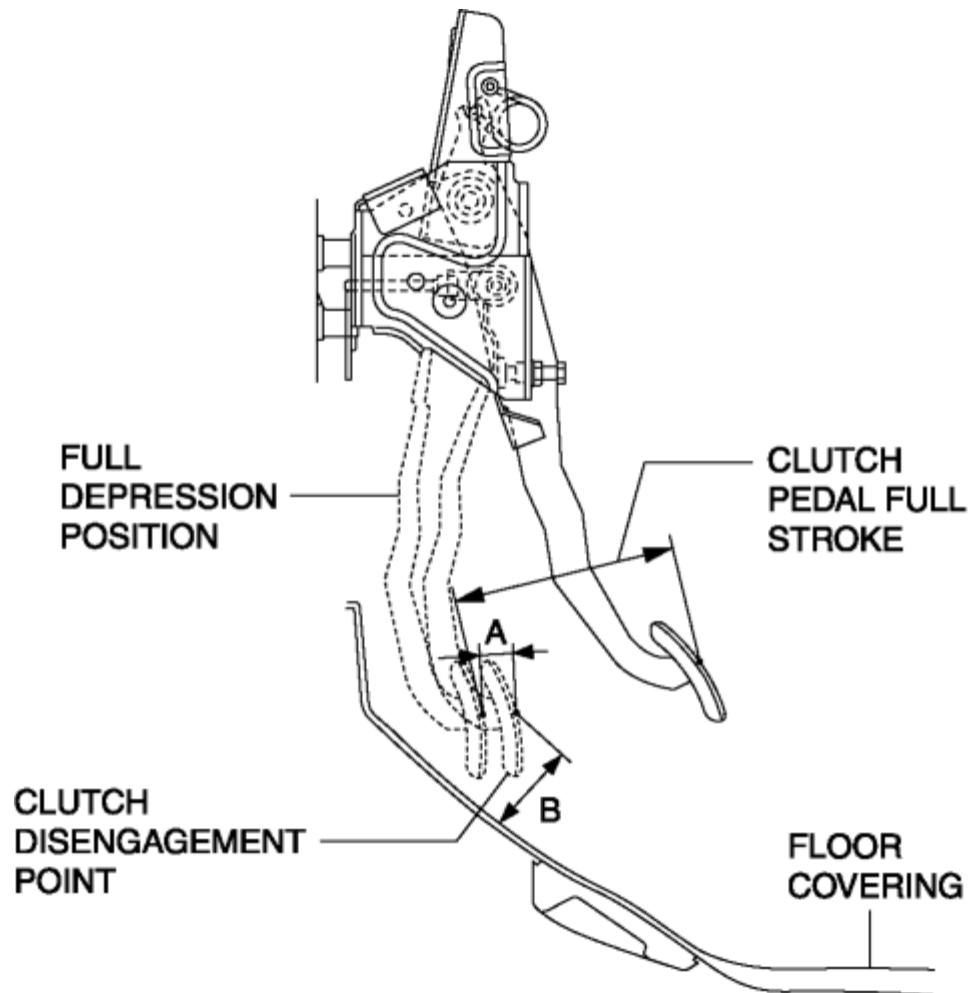
Clutch pedal push rod free play (Reference value)

- 0.1—0.5 mm {0.004—0.019 in}

Clutch Pedal Disengagement Point

1. Apply the parking brake and fix the front and rear of the wheels with the wheel chocks.
2. Start the engine.
3. With the clutch pedal depressed, move the shift lever to the position just before engaging the reverse gear. (Do not shift completely to reverse position)
4. Gradually release the clutch pedal and then hold it at the point where the sound of gear-grinding begins (clutch disengagement point).

5. Measure distance A from the clutch disengagement point to the position where the pedal has returned completely (not depressed), and verify that the measurement is within the specification.



- If distance A, distance B or the clutch pedal full stroke is out of specification, adjust the pedal height or the clutch pedal free play to specification.

Distance A, from clutch disengagement point to clutch pedal full depression position (Reference value)

- 20 mm {0.79 in} or more

Distance B, from clutch disengagement point to floor covering (Reference value)

- 58.5 mm {2.30 in}

Clutch pedal full stroke (Reference value)

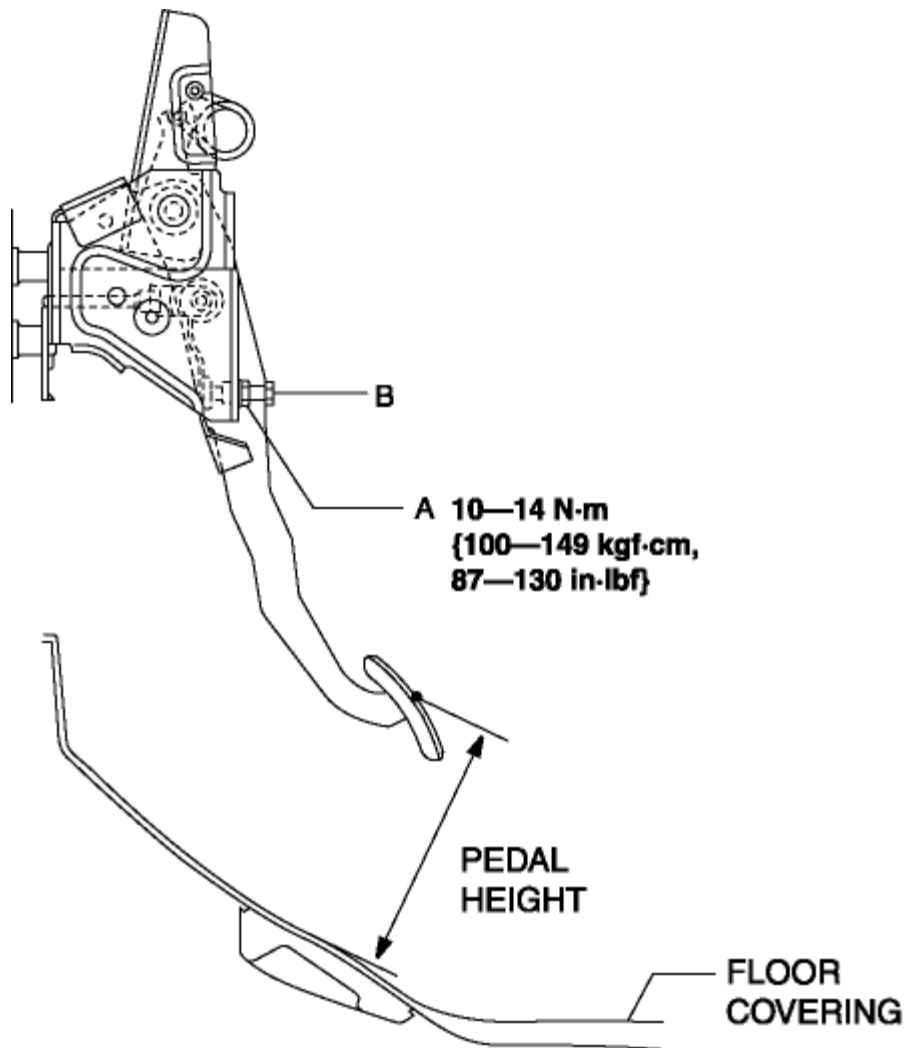
- 135.6 mm {5.339 in}

2012 - Mazda6 - Transmission/ Transaxle

CLUTCH PEDAL INSPECTION/ ADJUSTMENT [G66M-R]

Clutch Pedal Height

1. Measure the distance from the center of the upper surface of the pedal pad to the floor covering.



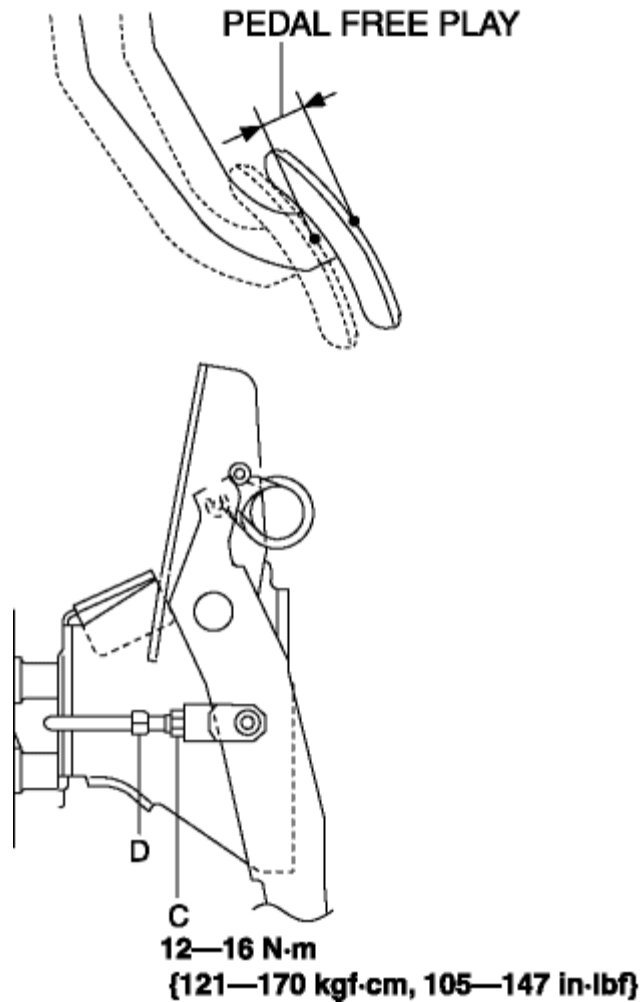
- If not as specified, adjust the pedal height by turning adjustment bolt B and locknut A.

Clutch pedal height (Reference Value)

- 148.8 mm {5.858 in}

Clutch Pedal Free Play

1. Depress the clutch pedal by hand until clutch resistance is felt, and measure the pedal free play.



- If not as specified, adjust the pedal free play by loosening locknut C and turning push rod D as necessary.

Clutch pedal free play

- 15 mm {0.59 in}

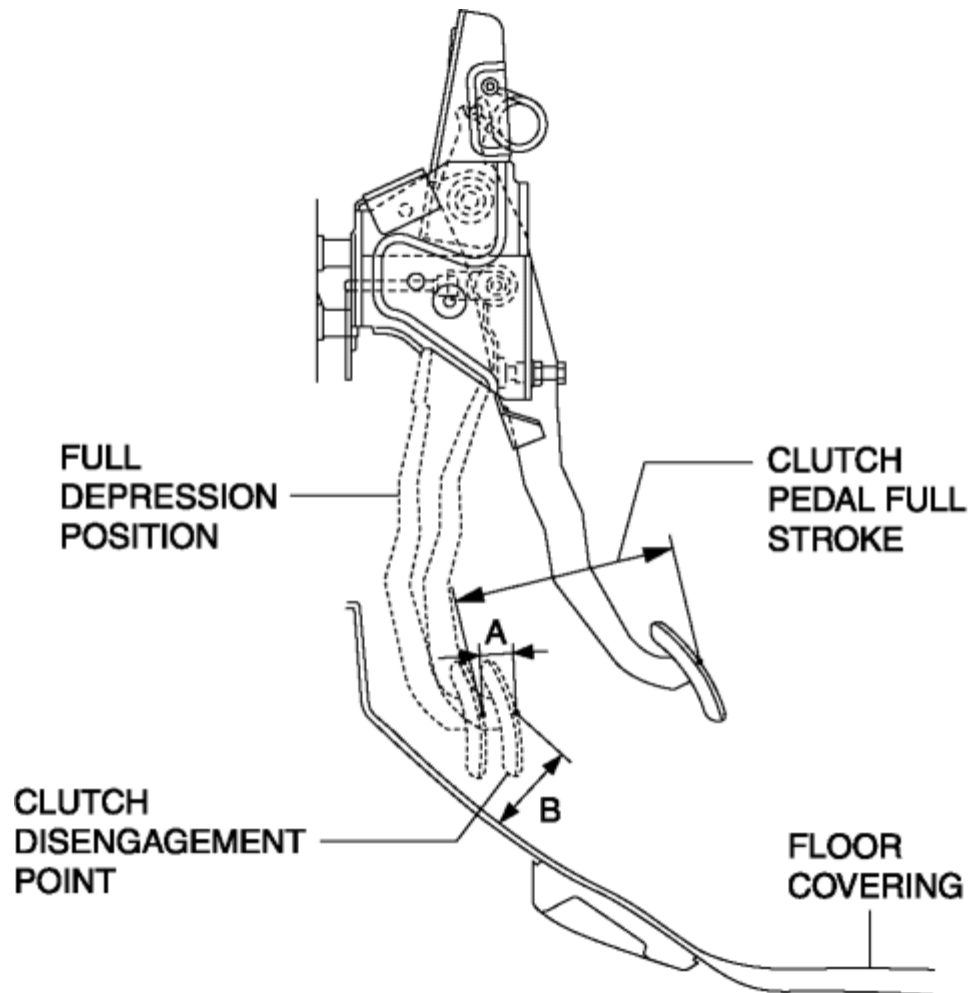
Clutch pedal push rod free play (Reference value)

- 0.1—0.5 mm {0.004—0.019 in}

Clutch Pedal Disengagement Point

1. Apply the parking brake and fix the front and rear of the wheels with the wheel chocks.
2. Start the engine.
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Distance A, from clutch disengagement point to clutch pedal full depression position (Reference value)

- 20 mm {0.79 in} or more

Distance B, from clutch disengagement point to floor covering (Reference value)

- 58.5 mm {2.30 in}

Clutch pedal full stroke (Reference value)

- 135.6 mm {5.339 in}