

Immobilizer Programming Procedure (M-F)

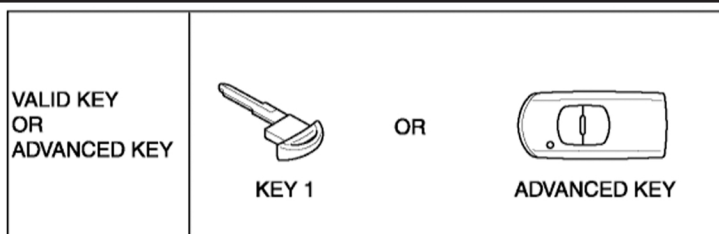
Mazda CX-9 (2009-2012 with Advanced Keyless Entry/Start)

Mazda3 (2010-2013, with Advanced Keyless Entry/Start)

Mazda6 (2009-2013, with Advanced Keyless Entry/Start)

Please make sure the battery is fully charged before proceeding

DIRECTIONS



1. REPLACE PCM
2. Connect the M-MDS to the DLC-2.
3. Insert a valid key into the key slot and depress the brake pedal (or clutch pedal, if equipped with a manual transmission).
NOTE: Although the security light remains illuminated and DTC 23 is displayed after approx. 1 min, continue to perform the procedure as indicated.
4. The keyless indicator light (green) illuminates for approx. 5 s.
NOTE: When a valid advanced key is used, the keyless indicator light (green) illuminates.
5. Within 5 s after verifying that the keyless indicator light (green) illuminates, release the brake/clutch pedal and turn the ignition switch to the ON position.
CAUTION: When a valid advanced key is used, release the brake/clutch pedal and turn the ignition switch to the ON position after verifying that the keyless indicator light (green) illuminates.
6. After vehicle identification, select the following from the M-MDS initial screen.
 1. Using an IDS (laptop PC):
 2. Select "Body".
 3. Select "Security".
 4. Select "PATS Functions".
5. Using a PDS (pocket PC):
6. Select "All Tests and Calibrations".
7. Select "PATS Functions".
7. Then, select the following from the screen menu
"Parameter Reset"
8. Perform the security access according to the directions on the M-MDS screen.
Select "PCM" from the replaced parts according to the directions on the M-MDS screen.
CAUTION: At this time, do not select the other parts from the M-MDS menu.
9. After verifying that the PATS function menu is displayed again on the M-MDS screen, select "Finish (this menu)".
10. Turn the ignition switch to the LOCK position.
11. Turn the ignition switch to the ON position.
12. Verify that the security light illuminates for approx. 3 s, and then turns off.
13. Turn the ignition switch to the LOCK position.
14. Disconnect the M-MDS from the DLC-2.
15. Verify that the engine can be started with all the keys.

Contact Us

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