

2012 - Mazda6 - Body and Accessories

REFERENCE [CD PLAYER/ CHANGER]

- The CD player/changer has been designed to play CDs bearing the identification logo, COMPACT DISC DIGITAL AUDIO, as shown. No other discs can be played on the CD player/changer other than MP3/WMA applicable one.



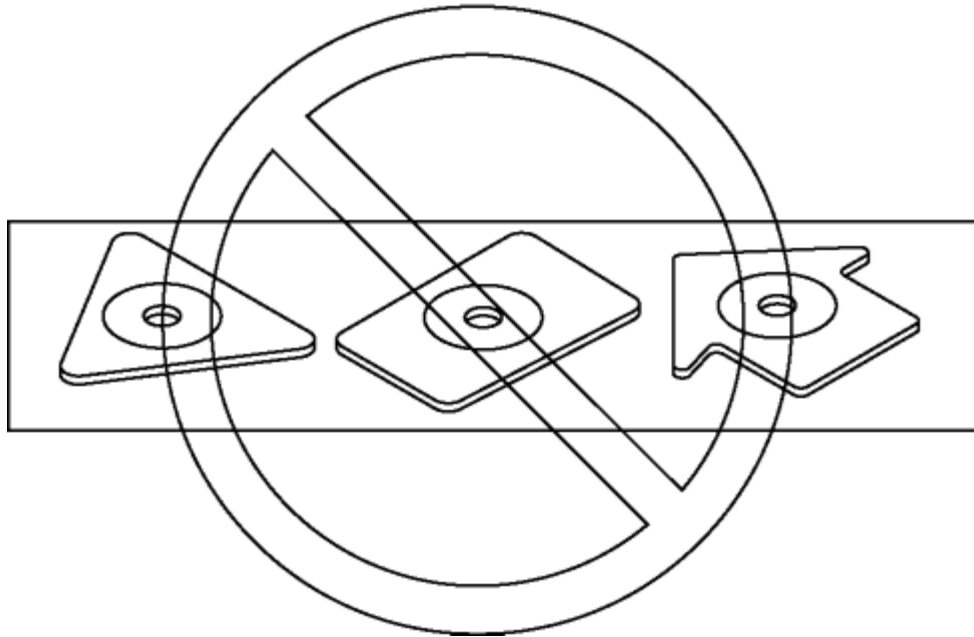
- The CD player/changer may not play the following CD:
 - Defective CD (e.g., cracked, badly bent, rough edges, scratch, dirty CD condensation)
 - CDs accessories (e.g., 8 cm (3 in) disc adapter (with CD player), sticker, label, disc ring and protective sealant)
 - Nonstandard CD (e.g., Diameter/thickness is out of specification)

Specification:

- 119.7—120.3 mm (4.668—4.692 in) of diameter,
1.2+0.3 or -0.1 mm (0.047+0.012 or 0.004 in) of
thickness
- Do not use non-conventional discs. The CD player/changer could be damaged.

Examples:

NO GOOD



- Although the same physical size as the compact disc, SACD uses a different kind of digital audio signal, Direct Stream Digital.
- The CD player/changer may not play the CD-R/RW properly due to the disc condition (excluding the MP3/WMA).

MP3-Formatted File

Outline of CD-R and CD-RW

- Definition
 - CD-R: The CD-R is a non-rewritable version. Once a section of a CD-R is written, it cannot be erased or rewritten.
 - CD-RW: The CD-RW is a rewritable version of CD-ROM and can be written the data an unlimited number of times.
 - Since a reflected laser beam amount of the CD-R/RW is less than the reflected laser beam amount of the conventional CD media, the CD player/changer may not play the CD-R/RW or have the sound jumped.
 - Since the recording quality of the CD-R/RW vary widely, some CD-R/RW may not be played.

Recording method

- There are two methods for recording.
- Classification by recorder
 - Record the audio data in the audio-CD by audio recorder
 - The price of the audio recorder and original audio-CD includes the copyright fee.
 - Recorded the audio data in the conventional data-CD by the personal

computer

- The data-CD is cheaper than the audio-CD. But, there is a CD with the low quality.
- Classification by audio data uncompression/compression
 - Uncompressed audio data
 - The CD-R/RW player can play the uncompressed audio data.
 - Compressed audio data
 - It is possible to record the large quantity of music in a disc. The sound quality varies depends on the audio data compression format. The compressed audio data can be played on the applicable player only.
 - Type of compression format:
 - MP3: MPEG Audio Layer 3 — Mazda genie MP3 applicable CD player is available.
 - WMA: Windows Media Audio — Mazda genie MP3 applicable CD player is available.
 - ATRAG: Adaptive Transform Acoustic Coding

MP3

- The following condition should be met in order to record the MP3-formatted data on the MP3 applicable CD player:

Media	Applicable to the CD-R/RW
Logical format	ISO 9660 level 1&2 /Joliet /Romeo
Number of directly	8 directly
Number of files	Maximum 512 as a total number of file and folder Maximum 255 for folder
ID3 TAG	Applicable to Ver 1.0, 1.1, 2.2, 2.3 and 2.4
File extension	MP3
Packet writing	Not applicable
Bit rate	32 kbps—320 kbps/VBR

Sampling rate	16 kHz—48 kHz
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WMA

- CD-R and CD-R W including WMA files can be played with this unit. Discs which conform to the following formats can be played.

Playable WMA files are as follows:

Item		Content
Specification		Windows Media Audio Version 7.0, 8.0, 9.0
Sampling frequency	Bit rate	32kHz. 32, 40, 48 kbps
		44.1kHz. 32, 48,64, 80, 96, 128, 160, 192, 256, 320 kbps
		48kHz. 64, 96, 128, 160, 192 kbps
VBR (Variable Bit Rate)		Supported
Channel mode		Stereo/Monaural
WMA tag		Title, artist name, album name
File extension		WMA

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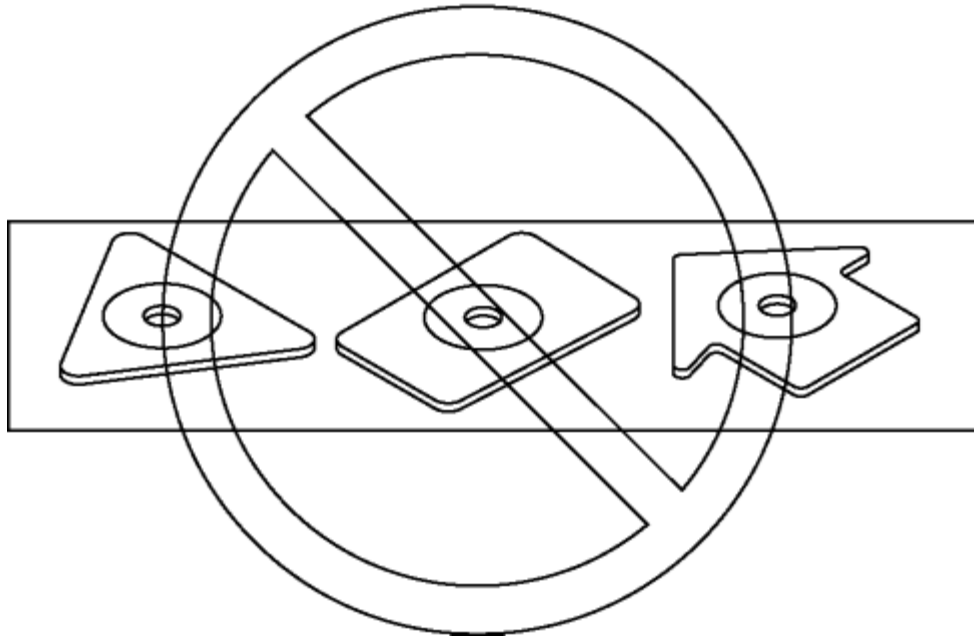
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File extension		WMA