



Technical Service Bulletin

SUBJECT:			No: TSB-19-34-002
UPDATES TO REAR WHEEL ALIGNMENT CHECK & ADJUSTMENT PROCEDURE - SERVICE MANUAL REVISION			DATE: February 2019
			MODEL: See below
CIRCULATE TO:	<input type="checkbox"/> GENERAL MANAGER	<input checked="" type="checkbox"/> PARTS MANAGER	<input checked="" type="checkbox"/> TECHNICIAN
<input checked="" type="checkbox"/> SERVICE ADVISOR	<input checked="" type="checkbox"/> SERVICE MANAGER	<input checked="" type="checkbox"/> WARRANTY PROCESSOR	<input type="checkbox"/> SALES MANAGER

PURPOSE

This TSB updates the Rear Suspension section of the affected Service Manual, to make updates to the rear wheel alignment check and adjustment procedure.

AFFECTED VEHICLES

- 2014, 2015 & 2017 Mirage
- 2017 Mirage G4


AFFECTED SERVICE MANUAL

- 2014, 2015 & 2017 Mirage Service Manual, Group 34-Rear Suspension
- 2017 Mirage G4 Service Manual, Group 34-Rear Suspension



Please make the indicated changes to the 2014, 2015, 2017 Mirage & 2017 Mirage G4 Service Manual, Group 34-Rear Suspension -> Special Tools.

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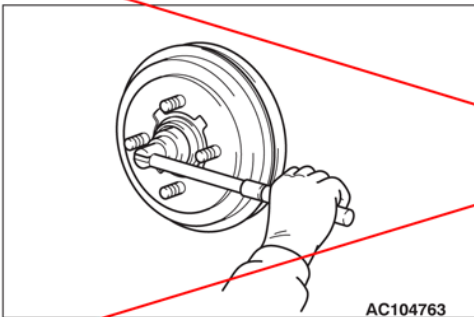
SPECIAL TOOLS			
Tool	Tool number and name	SUPERSESION	Use
 <small>MB991004</small>	MB991004 Wheel alignment gauge attachment	MB991004-01 or General service tool	Measurement of wheel alignment <Vehicles with aluminum wheels>

Please make the indicated changes to the 2014, 2015, 2017 Mirage & 2017 Mirage G4 Service Manual, Group 34-Rear Suspension -> On-Vehicle Service -> Rear Wheel Alignment Check & Adjustment.

ON-VEHICLE SERVICE

REAR WHEEL ALIGNMENT CHECK AND ADJUSTMENT

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⚠ CAUTION

- Do not apply the vehicle weight to the wheel bearing while loosening the self-locking nut, or the wheel bearing will be damaged.
- Use an manual tool only to remove the self-locking nut. (Do not use an electric or air tool).
- Do not loosen the self-locking nut more than eight turns per one minute.

Measure wheel alignment with an alignment equipment on level ground.
 The rear suspension, wheels, and tires should be serviced to the normal condition prior to wheel alignment measurement.

TOE-IN

Standard value:

At the center of tire tread: 2.5 ± 3 mm (0.10 ± 0.12 in)

NOTE:

The toe-in is pre-adjusted at factory and is not adjustable.

CAMBER

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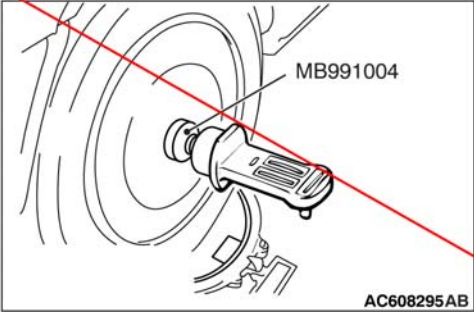
Required Special Tools:

- MB991004: Wheel Alignment Gauge Attachment

Standard value: -1°00' ± 0°45'

NOTE:

- Difference between right and left wheels must be 0°30' or less.
- The camber is pre-adjusted at factory and is not adjustable.



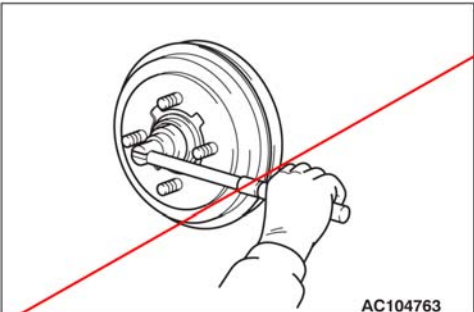
MB991004

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- For vehicles with aluminum wheels, tighten special tool wheel alignment gauge attachment (MB991004) to the specified torque, then measure the camber.

CAUTION

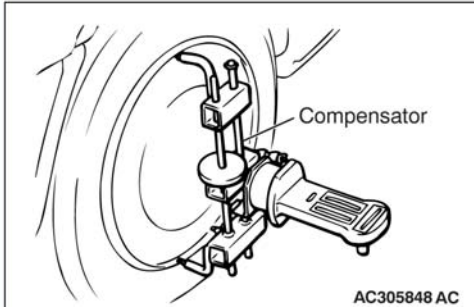
- Before securely tightening the self-locking nuts, make sure there is no load on the wheel bearings. Otherwise the wheel bearing will be damaged.
- Use an manual tool only to tighten the self-locking nut. (Do not use an electric or air tool).
- Do not tighten the self-locking nut more than eight turns per one minute.



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Compensator

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- We recommend that a compensator be used to measure the camber and caster.