

MAZDA CX 3

SUV

01/2015-ON

Part number T2M643

Maximum towing capacity 1200 kg

Maximum ball load 120 kg

Bar weight 11 kg



Fit with wiring harness part No. xxxxxx

Fitting Instructions

Warning:

Safety First: Always use correct safety equipment.

This towbar is NOT to be drilled, cut, welded or modified in any way.

Check the surrounding area before drilling into chassis or body panels for fuel lines, wiring harnesses and other components that may be a hazard.

General:

Before fitting this towbar read fitting instructions and check installation hardware is correct.

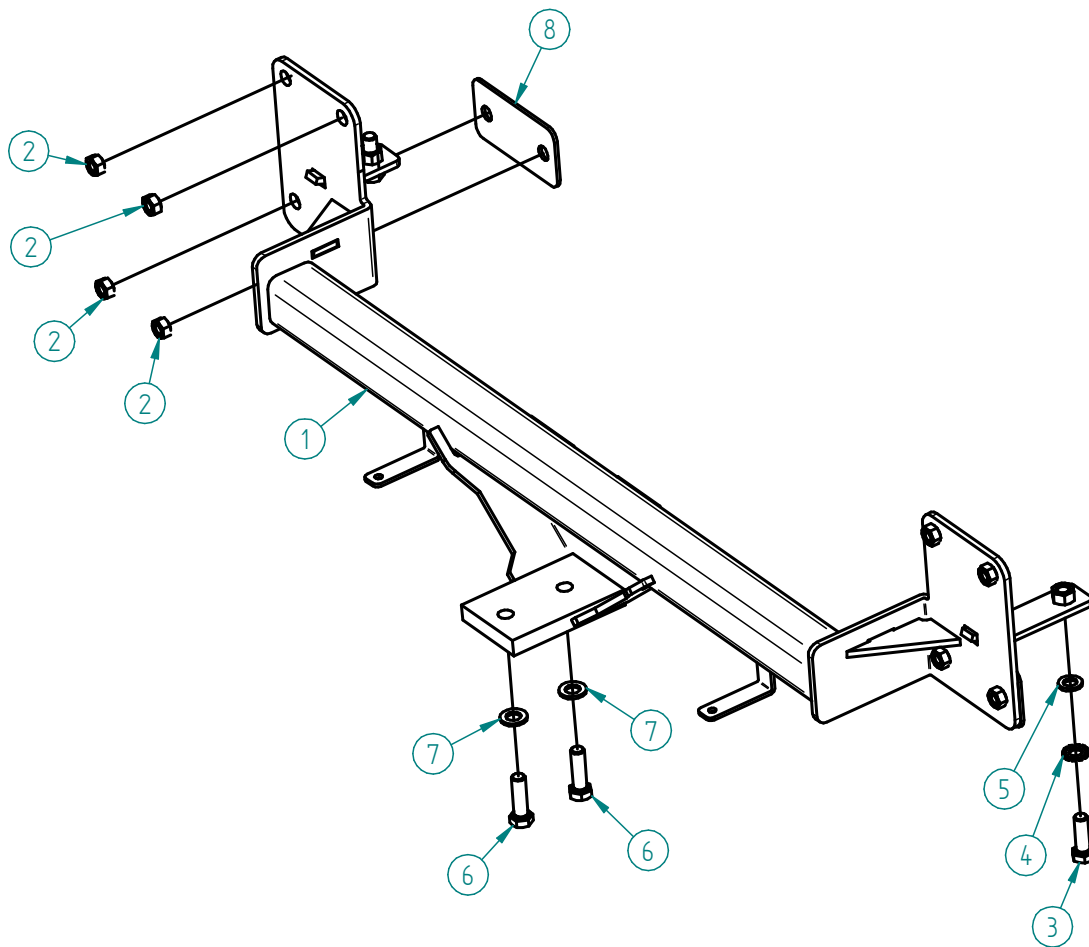
Check that the towbar is suitable for the vehicle and be wary of any changes to the vehicle design that may conflict with the fitting of this towbar.

After drilling, blow any filings clear, remove any swarf and treat exposed metal with a rust inhibitor.

If this vehicle requires a bumper cut out, please check to make sure that you measure twice and check twice before cutting any panels as some bumper profiles can change.

If you are not sure then ask your towbar supplier.

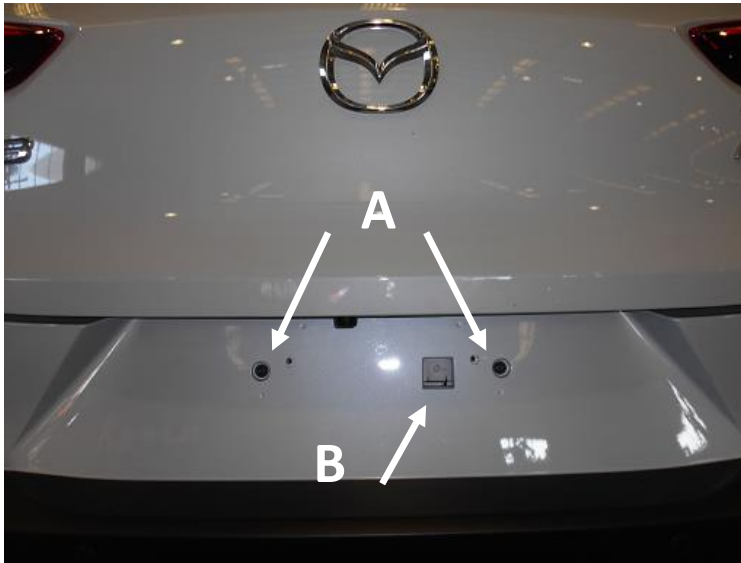
Tighten all bolts as specified on the last page.



Scheme1

| T2M643 Hardware KIT | |
|-------------------------------|----------|
| Item | Quantity |
| 1. Towbar | 1 |
| 2. M10 x 1.25 pitch lock nut | 8 |
| 3. M12 x 35 x 1.25 pitch bolt | 2 |
| 4. M12 shakeproof washer | 2 |
| 5. M12 flat washer | 2 |
| 6. M16 x 40 x 2 pitch bolt | 2 |
| 7. M16 spring washer | 2 |
| 8. Spacer plate | 2 |
| 9. L233C ball mount | 1 |
| 10. Compliance plate | 1 |
| 11. Door sticker | 1 |

1.



Pic.1

1.1 Remove number plates by undoing 2 screws

1.2 Remove 2 torx screws (A) as shown on Pic.1

2.



Pic.2

2.1 Remove tail lights by undoing two screws as shown on Pic.2 and pull them straight out

2.2 Remove tail light plugs

3.



Pic.3

3.1 Remove screws as shown on Pic.3

4.



Pic.4

4.1 Remove 3 plastic scrivenets as shown on Pic.4

5.



Pic.5

5.1 Pull away the wheel arch trim and remove a plastic scrivet and a screw as shown on Pic.5

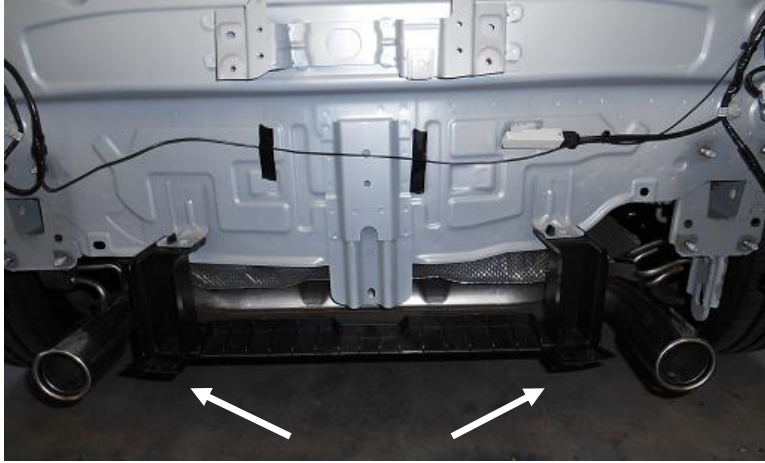
6.



Pic.6

6.1 Remove screws underneath the bumper bar as shown on Pic.6

7.



Pic.7

7.1 Before removing the bumper bar undo plastic scrivenets from the bumper bracket as shown on Pic.7

7.2 Remove reversing sensor plug (if reversing sensor fitted)

7.3 Remove the bumper bar by unclipping it from the plastic clips, lift it up to undo the centre clip (A) as shown on Pic.1 and pull it straight out

7.4 Remove and discard the bumper bracket as shown on Pic.7

8.



Pic.8

8.1 Remove and discard impact beam as shown on Pic.8

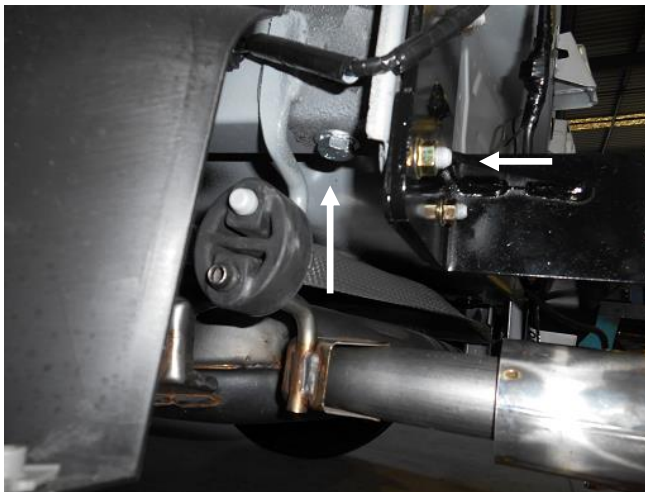
9.



Pic.9

9.1 Fit spacer plates (Item No. 8 in the Hardware KIT list) as shown on Pic.9

10.



Pic.10

10.1 Replace the impact beam with the towbar

10.2 Fit supplied stud nuts finger tight as shown on Pic.10 and Scheme1

10.3 Fit supplied fastener to the chassis rail as shown on Pic.10 and Scheme1

10.4 Tighten all bolts as specified on the last page

11.

11.1 Fit supplied compliance plate to the towbar and door sticker inside of the driver's door pillar

11.2 Refit bumper bar, reversing sensor, wheel arch trim, tail lights and number plate in reverse order

11.3 Use bumper brackets on the towbar to secure the bumper bar from centre

11.4 Mount L233C ball mount to the towbar

Torque table for bolt tightening

| Metric GRADE 8.8 | UNC GRADE 8 |
|-------------------------|--------------------|
| M6 – 12.5 Nm | 3/8 – 50 Nm |
| M8 – 30 Nm | 1/2 - 125 Nm |
| M10 – 60 Nm | 5/8 – 245 Nm |
| M12 – 103 Nm | |
| M14 – 167 Nm | |
| M16 – 270 Nm | |