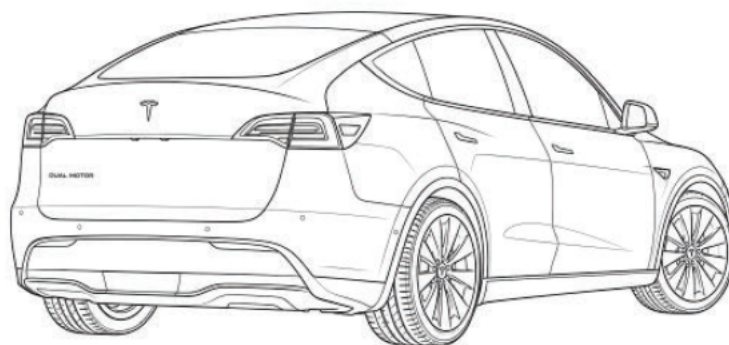


VEHICLE: Tesla Model Y SUV 01/2021 - On
PART NUMBER: 120104

TOWRITE
TOWBARS AUSTRALIA

TOWBAR FITTING INSTRUCTIONS



For Trailer Towing Only

Approximate Installation Time: 1.5 hrs
Maximum Towing Capacity Braked: 1600 kg
Maximum Down Ball Weight: 160 kg

Vehicle towing capacity may vary. Refer to owner's handbook.

TowRite Towbars Australia
9 Deakin Street
Brendale Qld 4500
AUSTRALIA
1800 869 748

WARNING



ELECTRIC, HYBRID AND PHEV VEHICLES



- Fitting of an EV electric car or HV hybrid vehicle must only be done by qualified personnel.
- The required qualifications may vary depending on the region. Please observe the local legislation and legal directives relating to service to electric vehicles.
- Disregarding these instructions may lead to serious injuries or death.

WARNING

- This product is designed solely for towing and must be loaded exactly as outlined in your vehicle's Owner's Manual.
- If used with a bike carrier there is a 25% reduction in the towbar or vehicle ball weight capacity whichever is lowest.
- Do NOT drill, cut, weld, or modify this towbar under any circumstances.
- You might need to drill into the vehicle to install the parts. Before you drill, take a quick look behind the chassis rail and body panels to make sure nothing is in the way.
- The stated load ratings apply only where the trailer is equipped with an appropriately rated and functioning braking system.
- If installed in any position other than what is shown in these instructions, the towball mount may interfere with or obstruct certain vehicle features (such as tailgate operation or chassis clearance).

GENERAL

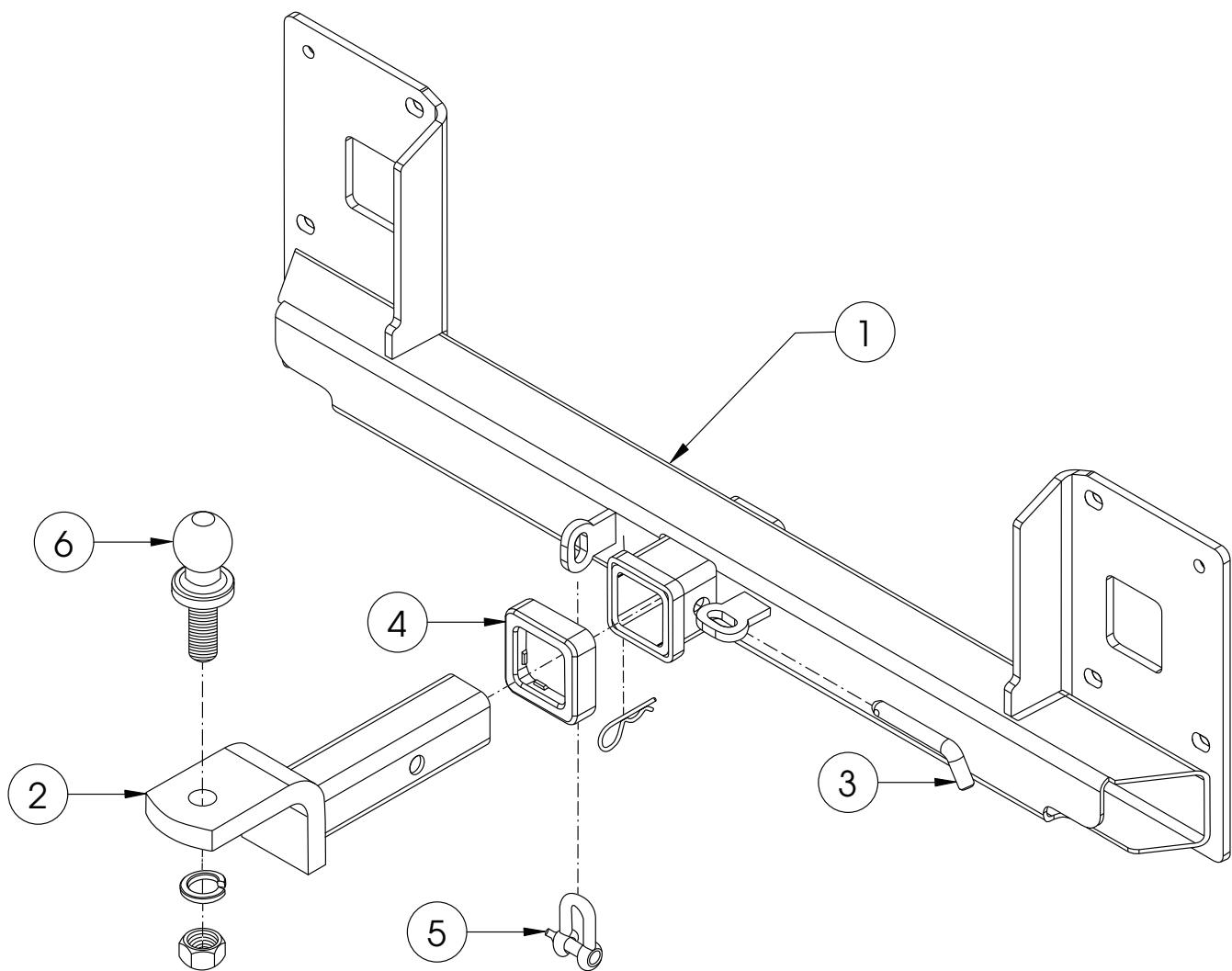
- Before installing this towbar, read the fitting instructions thoroughly and ensure all installation hardware is correct.
- Confirm the towbar is compatible with your vehicle, and consider any modifications or accessories (tray, canopy, suspension, etc.) that may affect installation.
- After drilling, clear away all metal filings, remove burrs, and apply a rust inhibitor to any exposed metal surfaces.
- The supplied high-tensile fasteners are essential to achieving the specified rating. If replacements are needed, ensure they are of the same grade (refer parts table on Page 3) and quality.
- Routinely check towball is tight before towing.
- Check all fasteners routinely and regularly.
- Be aware of changes in vehicle shape and bumper designs as well as any accessories that may alter the installation of this product.
- Bumper cut instructions are a guide only, ensure correct area is marked out prior to cutting.
- TowRite advises the removal of the ball mount when not in use to provide a clear view of the vehicle's registration plate if obscured.
- These instructions are provided as a guide only. TowRite accepts no responsibility for any changes to vehicle or fitment.
- Check the towball is securely tightened before towing.
- The towbar comes with 2 x compliance labels - one goes on the towbar and one in the driver's side door well.
- A two-person lift is recommended for installation.
- It is recommended that installation is carried out by a trained professional.

Ensure that all lights and systems are functioning properly. Check the vehicle dash for any warning lights and visually inspect the vehicle for any damage before commencing work.

Torque Settings 8.8 Grade High Tensile Bolts

Bolt Size	Torque
M8	22 Nm $\pm$ 10%
M10	46 Nm $\pm$ 10%
M12	77 Nm $\pm$ 10%
M14	146 Nm $\pm$ 10%
M16	190 Nm $\pm$ 10%
Tow Ball	350 Nm $\pm$ 10%

CONTENTS

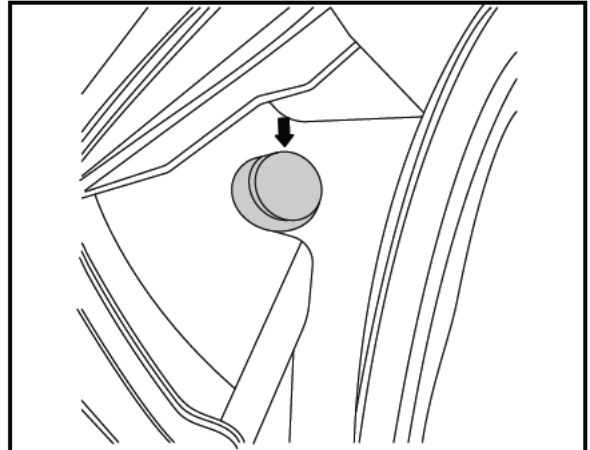


ITEM NO.	PART DESCRIPTION	QTY
1	TOWBAR ASSEMBLY	1
2	TB02 BALLMOUNT	1
3	HITCH PIN AND CLIP	1
4	PLASTIC SHROUD	1
5	D SHACKLE	1
6	50 mm TOWBALL	1

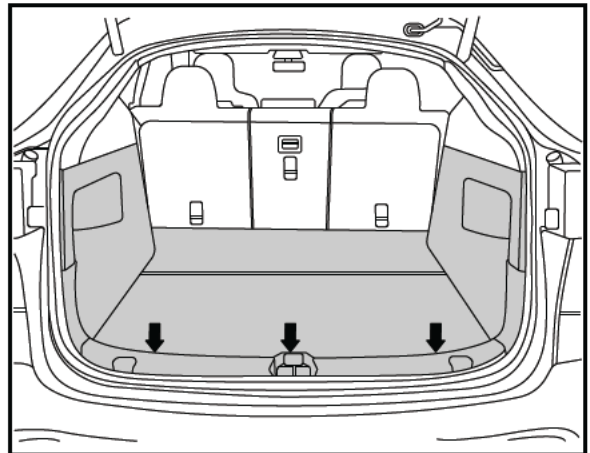
TOWBAR INSTALLATION

- 1** Remove the boot stop using a plastic pry tool.

Repeat on the opposite side.

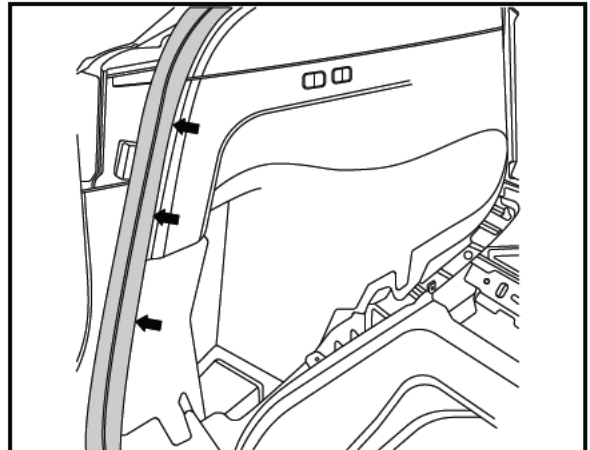


- 2** Inside the boot, remove the boot floor. Pull the rear latch trim straight up at the 3 x arrowed locations. Then remove the 2 x carpeted side trims, one on each side.



- 3** Gently pull the plastic trim away from beneath the boot seal in the rear corner of the boot.

Repeat on the opposite side.



- 4** Remove the 2 x 8 mm nuts from behind the tail lights.

Repeat on the opposite side.



5

Carefully slide the tail light rearwards to remove it. Disconnect the tail light wiring. Remove the 1 x bumper screw hidden behind the tail light.

Repeat on the opposite side.

6

Gently unclip the wheel flare. Remove the 1 x screw located beneath the wheel flare, approximately midway along the bumper.

Repeat on the opposite side.

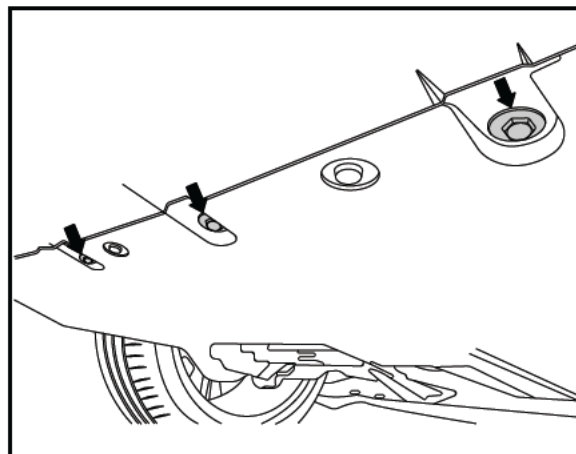
7

Remove the 3 x screws from inside the wheel arch at the bottom of the bumper, behind the wheel.

Repeat on the opposite side.

8

Remove the 5 x bolts and washers from underneath the bumper.

**9**

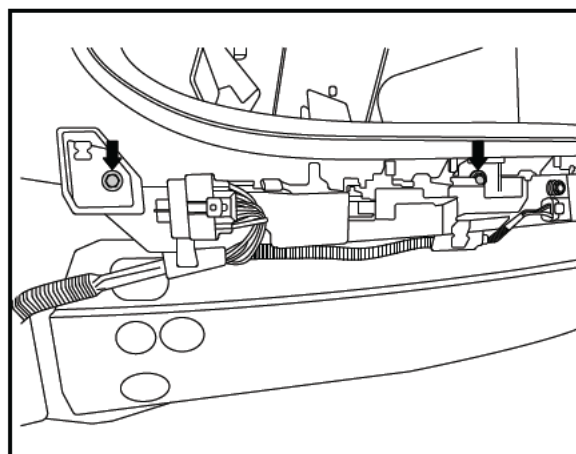
Gently pull the bumper outward, starting at the wheel arches. Disconnect the wiring, then remove the bumper and set it aside for reinstallation.

10

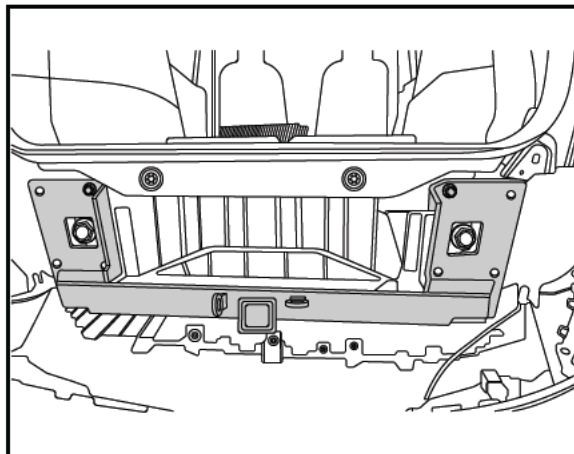
Remove the 4 x 10 mm bolts securing the cable brace bar to the vehicle. Remove the 3 x factory nuts and washers, and 1 x factory bolt and washer securing the impact beam.

Repeat on the opposite side.

Retain the factory nuts, bolts, and washers, then remove and discard the impact beam.



- 11** Lift the towbar assembly ① into position against the chassis. Loosely secure each side using 1 x factory bolt and washer, and 2 x factory nuts and washers.

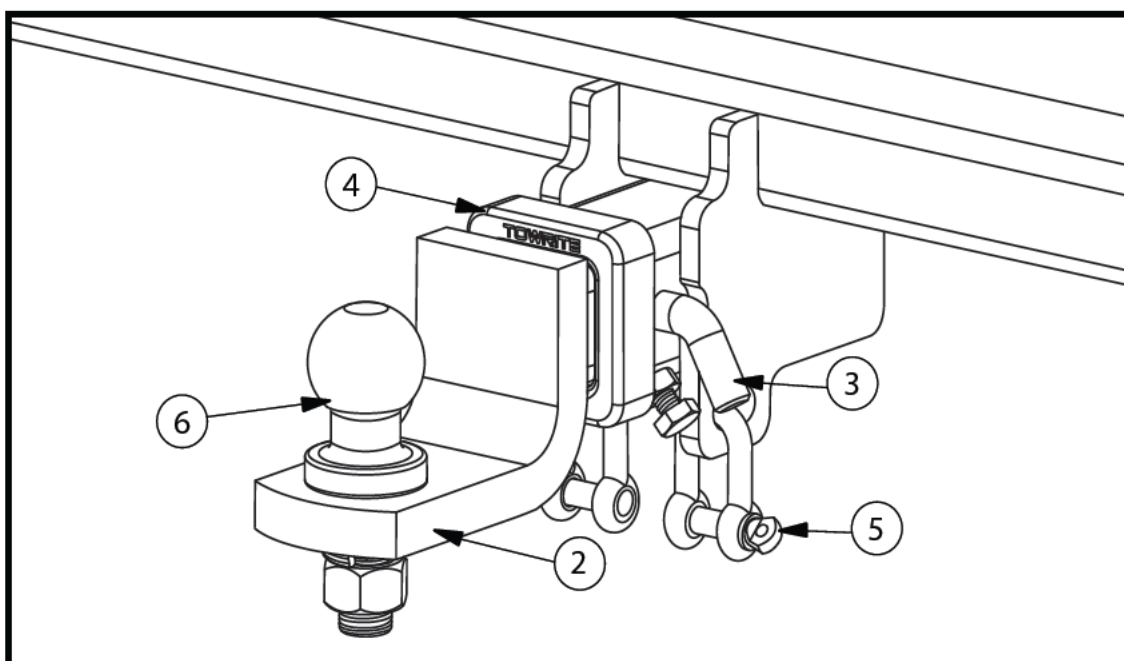


- 12** Ensure all fasteners are tightened according to the torque settings on Page 3.

- 13** Reinstall the bumper in the reverse order of removal.

BALLMOUNT INSTALLATION

- 14** Fit the plastic shroud ④ and ballmount ② into the receiver.
Fasten with hitch pin & clip ③.
Attach the D shackle ⑤.
Fit the towball ⑥ to the ballmount ②.



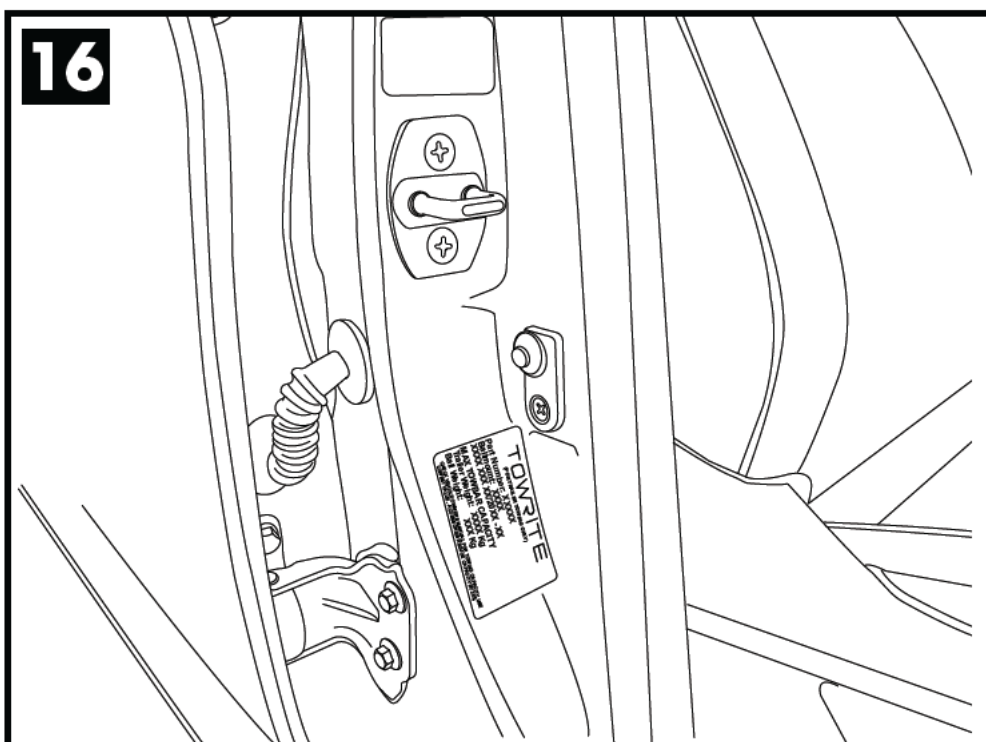
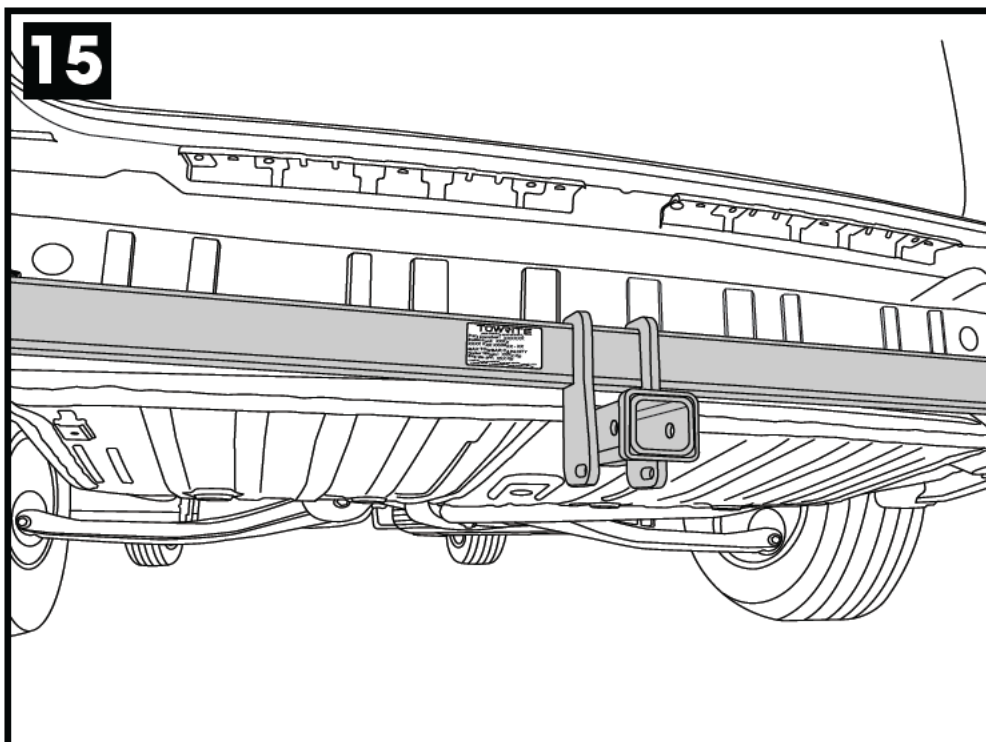
Please see below for Ballmount installation video.



LABEL INSTALLATION

CLEAN SURFACES

Attach 1 x compliance label on the towbar and the second on the driver's side door well.



Maintenance and Care

Here are some maintenance and care tips to allow for trouble free operation of your towbar for years to come.

- A) TowRite recommend removal of the ball mount/tongue when not in use.
- B) Check all fasteners regularly and tighten if necessary. If any fasteners are worn or damaged use the same grade replacements.
- C) Ensure towing and down ball weights do not exceed manufacturer's specifications (this may differ between vehicles - check owners handbook). This is the driver's responsibility.
- D) Use a spray lubricant on contacts for wiring connections as well as removable and insert able parts regularly (ie. Trailer plug and ball mount and pin and clip).
- E) Check towball for wear and tear regularly, ensure towball is correctly fastened and torqued before towing.

WARRANTY INFORMATION

Your towbar comes with a limited lifetime warranty covered nationwide.
For warranty information please visit www.towritetowbars.com.au

Contact us at warranty@towritetowbars.com.au or call us on 1800 869 748

TOWRITE

TOWBARS AUSTRALIA

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