



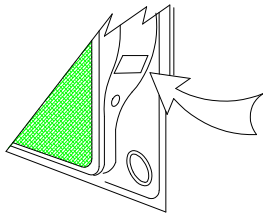
Towbar Fitting Instructions
To Suit **SUBARU FORESTER MY13- ON**
Part Number **QTSB315L**
Rating **1800/180** kg

WARNING:

1. Do not, drill, cut, weld or otherwise modify the tow bar.
2. If you are using electric welding on a motor vehicle, **always** check that the vehicle is not equipped with electronic engine or instrument management equipment. Failure to do so could **destroy** any onboard computers. If in doubt, check with the vehicle's manufacturer.
3. The high tensile fasteners supplied with this product were used to achieve the specified rating. If replacement is required ensure that fasteners of the same rating & quality are used. Contact an authorised **Trailboss** dealer if further information is required.

General:

1. Ensure all hardware items have been included refer to assembly diagram.
2. It is recommended that the instructions are read through and completely understood before making any attempt to fit this product.
3. Be wary of any changes to vehicle designs or other accessories that may conflict with the installation of this product.
4. Before drilling ensure that the area is clear of fuel, electrical & other components.
5. All holes drilled into the body panels shall have all burrs & swarf removed then coated with a suitable rust preventative paint.
6. For vehicles that require the bumper to be cut. Ensure cut out area is in correct position on the vehicle prior to cutting the bumper.
7. The high tensile fasteners supplied with this product were used to achieve the specified rating. If replacement is required ensure that fasteners of the same rating & quality are used. Contact an authorized **Trailboss** dealer if further information is required.
8. Ensure that all hardware is fastened to torque list below check fasteners on regular basis.
9. Tow bar load rating sticker provided with this product shall be conspicuously located on inside rear end of the driver's door. **(See diagram below).**
10. Trailboss recommends that you check your tow ball to ensure that it complies with the Australian standards **AS 4177.2**.
11. **PLEASE NOTE:** It is advised to remove your lug or tbn when not actually towing so as to produce a clear view of the vehicles registration plate if obscured, and to also provide maximum available departure angle
12. Pull Pin must be fit in down position.



Place load rating sticker
inside driver's door here

FOR TRAILER TOWING PURPOSES ONLY
For towing capacity details please refer to vehicle owner's manual or to the manufacturer. Overloading can void your warranties.

RECOMMENDED ASSEMBLY TORQUE LISTING
Diameter Grade 8.8 Bolt

M6	9.5 Nm
M8	21.7 Nm
M10	43.4 Nm
M12	77.3Nm
M14	146 Nm
M16	189.8 Nm

Tow bar Maintenance and Care.

Trailboss recommends that bolt torque's, as listed below, are routinely and regularly inspected and checked for correct tension. Replace any worn or defective parts.

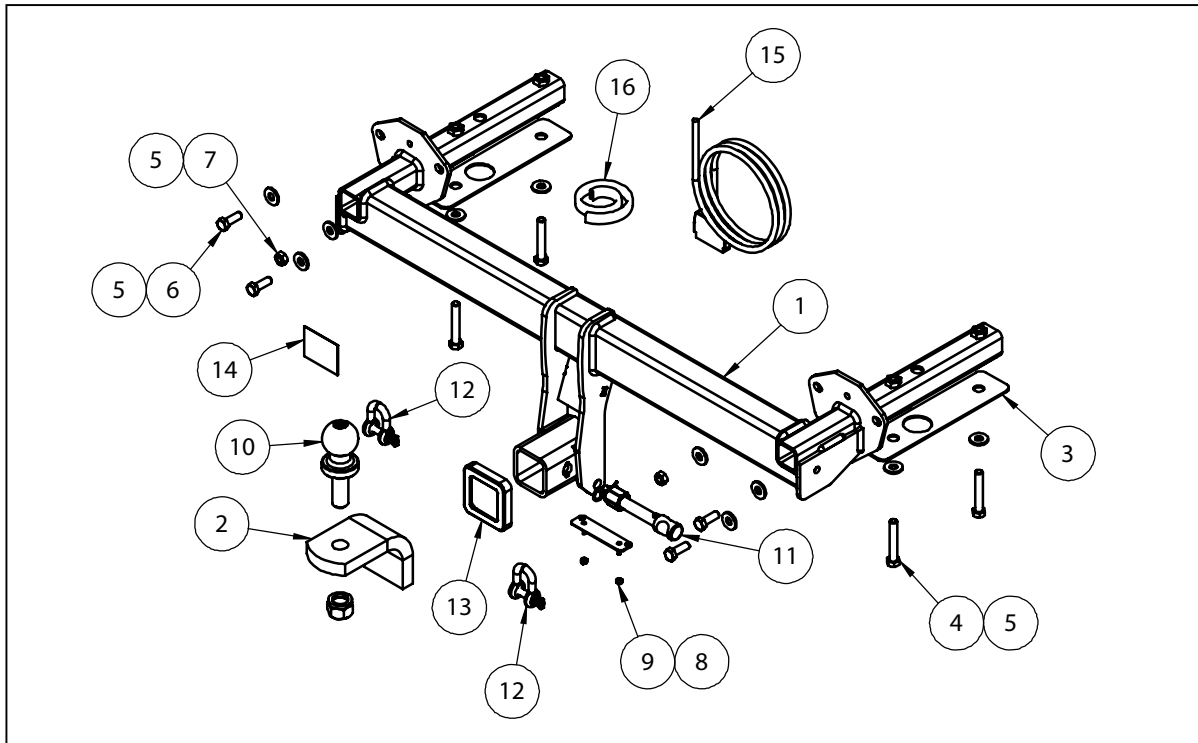
We recommended to remove Tow Ball Mounts (TBM's, tongues or lugs) when not being used for any considerable length of time.

So as to avoid injury, when not towing it is suggested that the tongue, Pull Pin and R-clip are removed then stored in a safe, clean and dry place, away from excessive moisture.

Hitch Pull Pins and spring "R" clips are regularly checked for proper installation. Replace any worn or defective parts.



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QTY.	DESCRIPTION	ITEM NO.
1	SUBARU FORESTER WELDED ASSY	1
1	TRAILER BALL MOUNT ASSY	2
2	WASHER PLATE	3
4	BOLT M10x65x1.5	4
10	WASHER FT M10x25.4x3	5
4	SET SCREW M10-1.25x30 GR 8.8 Z/P	6
2	NUT HX M10-1.25 Z/P	7
1	PLUG BRACKET	8
2	NUT NYLOC M4-0.7 Z/P	9
1	50mm TOWBALL	10
1	SILENT HITCH PIN-SILVER	11
2	10mm "D" SHACKLE	12
1	HITCH BOX COLLAR COVER	13
1	ACRYLIC CP	14
1	WIRING LOOM	15
1	BUMPER TRIM PINCH WELD	16



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INSTRUCTION:

1. Remove 2x Scrivets and 2x Screws from inside of Wheel Arch.
2. Remove 3x Scrivets on the underside edge of the Rear Bumper for both the LH & RH side.
3. Open Rear Hatch and remove 1x Screw below Tail Light assembly on both sides.
4. Pull on Bumper firmly to release from clips.
5. Once the Bumper is removed, unbolt the Rear Impact Beam by removing 2x Bolts and 1x Nut for both the LH & RH side. Discard Impact Beam along with Nuts and Bolts.
6. Lower the Rear Muffler by removing the 2x Rubber Mounts on either side, remove Heat Shield and pop out the 3x Plastic Grommets in the bottom of the Chassis Rail on both the LH & RH side.
7. Insert Towbar side arms into Chassis Rails and locate with the 2 factory Studs in the Rear Panel and fasten with 2x M10x1.25P Nuts & M10 Flat Washers supplied in Bolt Pack. Insert the remaining 4x M10x30x1.25P Bolts with M10 Flat Washers into the Rear Panel Captive Nuts and tighten to finger tight only.
8. Fit the 4x M10x65x1.5P Bolts with M10 Flat Washers & Washer Plates supplied into the underside of the Chassis Rail, and tighten all bolts to the torque specifications provided.
9. Drill out a $\varnothing$ 20mm hole in the Heat Shield using the existing dimple in the Heat Shield on the R as the center of the hole.
10. Refit heat shield and all other components in reverse order to disassembly.
11. Create a bumper cut in the middle of the bumper bar 110mm high from the bottom edge of the bar and 90mm wide.



Wiring Loom Fitting Instructions
To Suit Impreza (2007 – 2012), Impreza (2012 – Onwards), Forester (2013 –
Onwards), Liberty / Outback Wagon (2015 – Onwards)
Part Number 100201-WL

Wiring Loom Installation Instructions

Impreza (2007 – 2012), Impreza (2012 – Onwards), Forester (2013 –
Onwards), Liberty / Outback Wagon (2015 – Onwards)
Part No: 100201-WL

Tail Harness Length Required:

Subaru Impreza (2007 – 2012) -1200mm
Subaru Impreza (2012 – Onwards) – 1200mm (WLT024)
Forester (2013 – Onwards) – 1800mm (WLT024)
Liberty/Outback Wagon (2015 – Onwards) – 1200 (WLT024)

Subaru Impreza (2007 – 2012) & Impreza (2012 – Onwards) – Page 2
Forester (2013 – Onwards) – Page 4
Liberty / Outback Wagon (2015 – Onwards) – Page 6

Wiring Loom Installation Time: Approx. 25 Mins



Wiring Loom Fitting Instructions
To Suit Impreza (2007 – 2012), Impreza (2012 – Onwards), Forester (2013 – Onwards), Liberty / Outback Wagon (2015 – Onwards)
Part Number 100201-WL

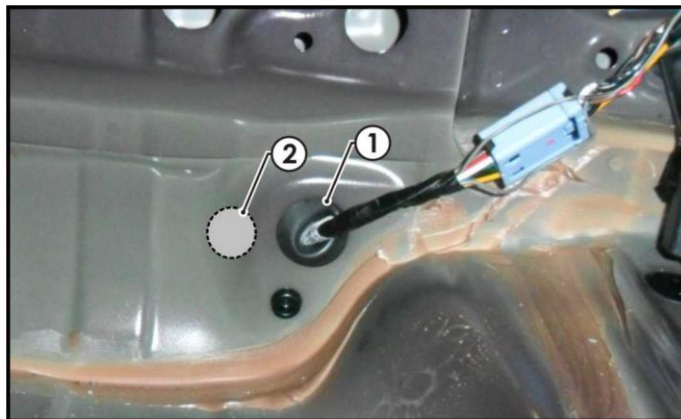
The following steps are for Subaru Impreza (2007 – 2012) & Impreza (2012 – Onwards) models only. Refer to the front cover for other vehicle page locations.

1. Inside the luggage compartment, remove the floor carpet cover.
2. Remove the rear luggage compartment trim by first releasing the three fasteners.
3. On the LHS of the luggage compartment, remove the foam support cover.

The following steps 4 – 6 are for Subaru Impreza (2012 – Onwards) models only.

4. Remove the three clips and then remove the LHS luggage compartment trim.
5. To enable the RPA cutout, splice the loose GREY/WHITE wire from the tail harness to the PIN 1 (PURPLE wire) of the connector.
6. On the tail harness splice the GREY wire back into any ground wire of the harness.
7. On the RHS rear wheel well, remove the blanking grommet (1) and drill a Ø30mm hole.
8. File any rough or sharp edges and spray with rust inhibitor.

Note: If grommet is occupied drill a Ø30mm hole (2) next to the occupied grommet. File any rough or sharp edges and spray with rust inhibitor.



The following steps 9 – 11 are for Subaru Impreza (2007 – 2012) models only.

9. Locate the vehicle break out connector in the LHS rear quarter panel.
10. Connect the trailer patch (100201-WL) connector to the vehicle's break out connector.
11. Route the trailer patch towards the rear vehicle grommet.



Wiring Loom Fitting Instructions
To Suit Impreza (2007 – 2012), Impreza (2012 – Onwards), Forester (2013 –
Onwards), Liberty / Outback Wagon (2015 – Onwards)
Part Number 100201-WL

The following steps 12 – 14 are for Subaru Impreza (2012 – Onwards) models only.

12. Locate the vehicle break out connector on the LHS rear quarter panel.
13. Connect the trailer patch (100201-WL) connector to the vehicle's break out connector.
14. Route the trailer patch towards the rear vehicle grommet.
15. Mount the trailer socket to the tow bar mounting bracket using M4 fasteners (not supplied).
16. Route the tail harness across the tow bar towards the LHS of the vehicle and up through the previously drilled out hole.
17. Ensure the tail harness grommet is seated correctly and secure in place using a cable tie (not supplied).
18. Connect the tail harness (tail length 1200mm) 8-way connector to the trailer patch mating 8-way connector.
19. Test the trailer wiring harness function using a light board or multi meter.
20. Secure all harnesses using cable ties (not supplied).
21. Re-fit all removed parts and secure all fasteners, ensuring there are no squeaks or rattles.
22. Place the fitting instructions in the glove box after fitment.



Wiring Loom Fitting Instructions
To Suit Impreza (2007 – 2012), Impreza (2012 – Onwards), Forester (2013 –
Onwards), Liberty / Outback Wagon (2015 – Onwards)
Part Number 100201-WL

The following steps are for Forester (2013 – Onwards). Refer to the front page for vehicle page locations.

1. In the luggage compartment, remove the floor carpet cover.
2. Remove both the LHS & RHS luggage compartment trim covers.
3. Remove the luggage compartment LHS & RHS foam supports by first removing the four clips.
4. Remove the rear luggage compartment trim by pulling in an upwards direction.
5. Fold the rear passenger seats forwards.
6. Unclip the rear seat cover.
7. Remove the rear passenger seat trim by first removing the seven clips.
8. On the LHS of the luggage compartment, remove the three fasteners securing the luggage compartment trim.
9. Dislodge the LHS luggage compartment trim.
10. Locate the LHS break out connector.
11. Connect the trailer patch (P/No: 100201-WL) connector to the vehicle's break out connector.
12. Route the trailer patch towards the existing vehicle grommet.

Note: If the grommet is occupied, drill a Ø30mm hole next to it. File any rough or sharp edges and spray with rust inhibitor.

13. Mount the trailer socket to the tow bar mounting bracket using M4 fasteners (not supplied).
14. Route the tail harness across the tow bar towards the LHS of the vehicle and up through the grommet hole.
15. Ensure the tail harness grommet is seated correctly and secure in place using a cable (not supplied).
16. Connect the tail harness (tail length 1800mm) 8-way connector to the trailer patch mating 8-way connector.



Wiring Loom Fitting Instructions
To Suit Impreza (2007 – 2012), Impreza (2012 – Onwards), Forester (2013 –
Onwards), Liberty / Outback Wagon (2015 – Onwards)
Part Number 100201-WL

17. Test the trailer wiring harness function using a light board or multi meter.
18. Secure all harnesses using cable ties (not supplied).
19. Re-fit all removed parts and secure all fasteners, ensuring there are no squeaks or rattles.
20. Place the fitting instructions in the glove box after fitment.



Wiring Loom Fitting Instructions
To Suit Impreza (2007 – 2012), Impreza (2012 – Onwards), Forester (2013 –
Onwards), Liberty / Outback Wagon (2015 – Onwards)
Part Number 100201-WL

The following Steps for Liberty / Outback Wagon (2015 – Onwards). Refer to the front cover for other vehicle page locations.

1. In the luggage compartment, remove the rear parcel shelf.
2. Remove the rubber floor cover.
3. Remove the spare wheel cover and fold down the rear passenger LHS seat.
4. On the LHS of the luggage compartment trim, remove the fasteners from underneath all the trim latches and dislodge the LHS luggage compartment trim.
5. On the rear LHS of the vehicle exterior, next to the towbar centre, drill a Ø30mm hole into the vehicle sheet metal. Ensure drilling is clear of objects on the otherside.
6. File down any rough or sharp edges and apply rust inhibitor (not supplied).
7. Mount the trailer socket to the rear bumper via the tow bar mounting bracket (supplied with the towbar kit) using M4 fasteners (not supplied).
8. Route the tail harness (tail length: 1200mm) towards the LHS of the vehicle and up through the drilled grommet hole.
9. Connect the trailer patch (P/No: 100201-WL) to the vehicle break-out connector.
10. Connect the trailer patch tail connector to the tail harness connector.
11. At the vehicle exterior, ensure the tail harness grommet is seated correctly and secured into place using a cable tie (not supplied).
12. To enable the ISS (Intelligent Start Stop) cutout, splice the loose GREY/BLACK wire from the tail harness to the PIN 1 (GREY wire) of the connector.
13. On the tail harness splice the GREY wire back into any ground wire of the harness.
Note: Due to possible vehicle variations, always confirm vehicle harness wires using a multi-meter.
14. Test the trailer wiring harness function using a light board or multi meter.
15. Secure all harnesses using cable ties (not supplied).
16. Re-fit all removed parts and secure all fasteners, ensuring there are no squeaks or rattles
17. Place the fitting instructions in the glove box after fitment.