

JULY 2015 PRODUCTION ONWARDS Part No: PZQ50-89650

All Models with Accessory Front Recovery Points

Additional Service Requirement - Severe Conditions

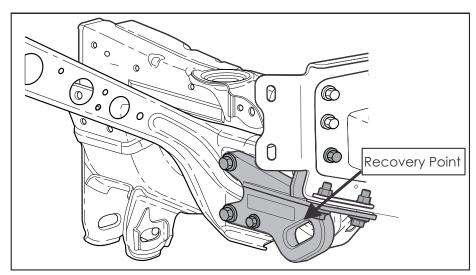
Many new Toyota vehicles are fitted with Toyota Genuine Accessory Front Recovery Points and on occasion these vehicles are operated in severe operating conditions such as rough / corrugated roads either frequently or typically during four wheel drive holidays or similar.

Maintenance for severe operating conditions for vehicles that are used in these conditions require inspection of chassis / under body mounting bolts.

Inspection of the Front Recovery Point mounting bolts and brackets will now form part of the severe maintenance inspection.

Note: Owners that operate their vehicles in any rough road conditions should confirm that a severe maintenance schedule is adopted and inspection of the Front Recovery Point mounting bolts and brackets be conducted by the servicing Dealer.

Typical Front Recovery Point Mounting Configuration



Note: Front Recovery Point designs vary by model, the picture above shows a typical Front Recovery Point configuration.

Inspection

During severe maintenance inspection if vehicle is fitted with an accessory Front Recovery Point:

- Inspect mounting bolts for mount brackets and wing braces for looseness or signs of movement.
- Inspect mount brackets and wing braces for integrity, damage or looseness.

Check warning label is in place and undamaged.



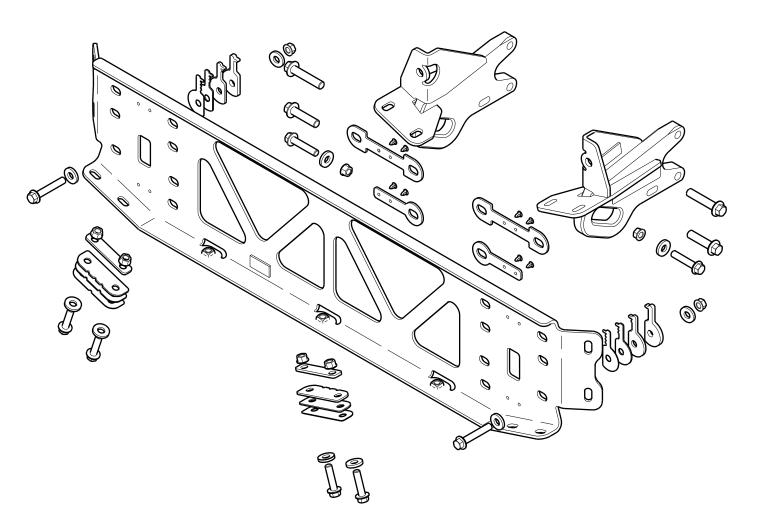
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JULY 2015 PRODUCTION ONWARDS Part No: PZQ50-89650

Fitting Time: 30 minutes (Plus removal and fitment of other applicable parts)



FRONT RECOVERY POINTS

Fitting Instructions



JULY 2015 PRODUCTION ONWARDS Part No: PZQ50-89650

General Notes

- Read through the fitting instructions before installation of accessory.
- Always install the accessory following the fitting instructions. Failure to do so may cause damage to the vehicle or the
 accessory.
- Ensure all recyclable discarded vehicle/accessory components and packaging are recycled following local recycling regulations.
- It is always recommended that this accessory is fitted by a qualified Toyota Technician.
- Safely store and protect any removed vehicle components.
- Ensure all bare metal surfaces are protected using Automotive Bare Metal Primer and touch-up paint.
- Remove all metal swarf and dust from all vehicle surfaces if surface is used for accessory installation.
- For the purpose of these instructions, vehicle sides noted (left hand side, right hand side) is always referenced in relation with the front of the vehicle as facing forwards.



- Safety Notes -

- Check that all work practices comply with safety standards.
- Please wear appropriate clothing and use safety equipment.







Fitting Time



30 minutes (Plus removal and fitment of other applicable parts)

- Front Recovery Point Notes

IMPORTANT \Lambda

- Do not use this product for any vehicle make or model, other than those specified by the manufacturer.
- Please read through the fitting instructions carefully before installation, paying special attention to all notices and caution notes (identified with Δ). Failure to do so may result in damage to parts or injury to installer or customer.
- It is recommended that another person assists during installation of the product.
- It is required that a torque wrench be used where specified and correct tightening sequence must be followed.

CARE INSTRUCTIONS

- To maintain finish of the product, wash regularly using a neutral pH car wash detergent, hose off and chamois dry.
- To remove stubborn grime, use kerosene.
- Do not use acidic or alkaline cleaners.
- Plastic components can be maintained with Nulon Ezi-Glide® silicon spray or similar.

COMPATIBILITY

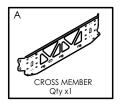
• This product is compatible with a wide range of Toyota Genuine Accessories. Please consult your Toyota Dealer for more information.



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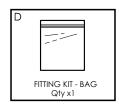
- Parts Supplied

Main Carton

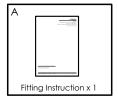


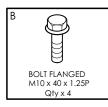


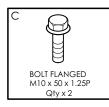


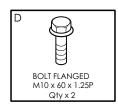


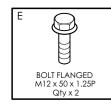
Fitting Kit - Bag

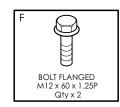






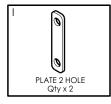


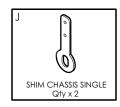


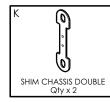


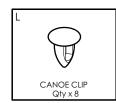


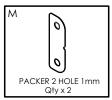


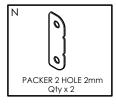




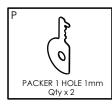


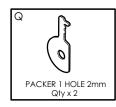


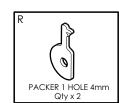


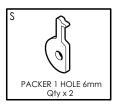








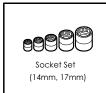




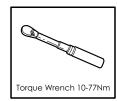


– Tools and Materials Required











JULY 2015 PRODUCTION ONWARDS Part No: PZQ50-89650

– Step 1

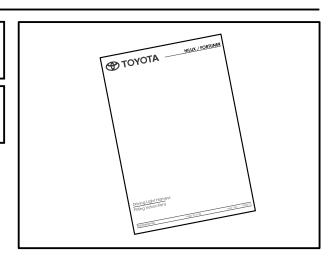


Refer to applicable bull bar, winch and winch cradle fitting prior installing front recovery points.



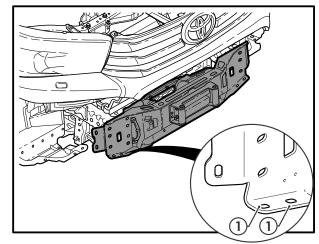
Always refer to the vehicle's Workshop Manual when removing and refitting vehicle components.

- Open the carton and identify all components from the parts supplied sheet.
- Front recovery points are required to be installed at the same time as the bull bar.
- Some parts may need to be removed and refitted with recovery points.



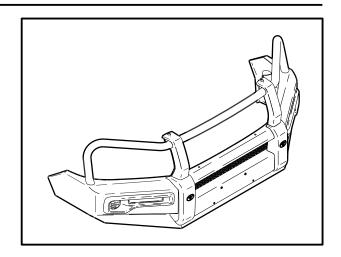
- Step 2

- If winch cradle has not been fitted proceed to Step 3.
- If winch cradle has been fitted, check that it is compatible with front recovery points.
- Compatible winch cradles have front mounting points (1).
- If compatible winch cradle has been fitted remove bull bar splash panels/under panels.
- Refer to applicable bull bar fitting instructions for details.
- Proceed to Step 8.



- Step 3

- If bull bar has already been fitted to vehicle, remove the bull bar in the reverse order to installation
- Refer to applicable bull bar fitting instructions for details.
- Begin bull bar assembly to vehicle as per accessory fitting instructions.
- When prompted to fit winch cradle/wing brace mounts commence recovery point fitment.
- If fitting winch cradle, continue with Step 4, otherwise proceed to Step 5.





JULY 2015 PRODUCTION ONWARDS Part No: PZQ50-89650

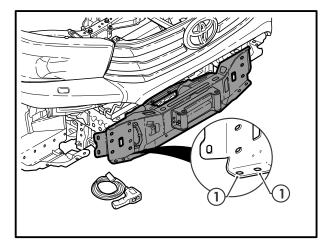
- Step 4

- Assemble winch and cradle as per accessory fitting instructions.
- Assemble winch cradle assembly & crash box to vehicle as per accessory fitting instructions.
- Route all cables and solenoid as per accessory fitting instructions.
- Proceed to Step 7.

Note: Ensure that a compatible winch cradle is installed, recovery point mount holes (1) must be present.



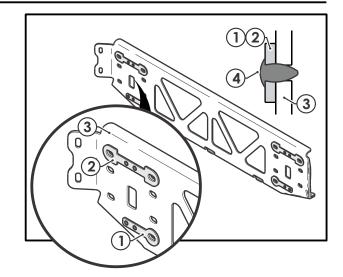
Refer accessory fitting instructions



- Step 5 -

• Attach 2 x shim chassis single (1) and 2 x shim chassis double (2) to cross member (3) using 8 x canoe clips (4).

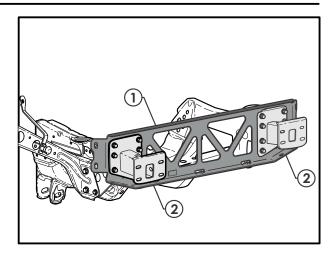
Note: Cross member will replace wing brace mounts in bull bar fitting instructions.



- Step 6

- Offer cross member (1) and crash boxes (2) to the chassis end plate and loosely secure with fasteners as shown in bull bar fitting instructions.
- Hand tighten only. Do not over tighten to allow vertical bullbar adjustment.
- Discard wing brace mounts supplied with bull bars.

Note: Use fasteners supplied with bull bar.

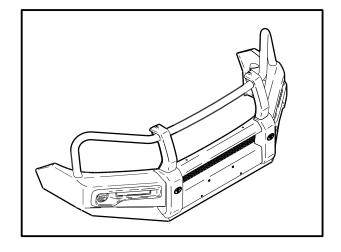




JULY 2015 PRODUCTION ONWARDS Part No: PZQ50-89650

– Step 7

- · Continue with bull bar fitment.
- Before bull bar splash panels/under panels and under covers/ stone trays are installed resume recovery point fitment.



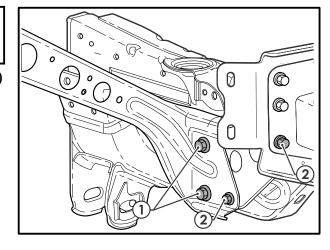
- Step 8



Ensure that the shim between the lower rear hole between the chassis gusset and chassis remains.

- On RH side, remove and discard 2 x M12 bolts and washers (1) and 2 x M10 bolts, washers and nuts (2).
- · Retain wing brace.





- Step 9

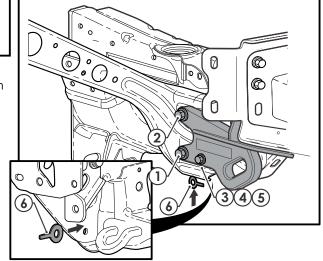


Ensure that the shim (6) between the lower rear hole between the chassis gusset and chassis remains.

- Loosely fit RH recovery point and RH wing brace to chassis using 1 x M12x50mm bolt (1), 1 x M12x60mm (2), 1 x M10x40mm bolt (3), 1 x M10 washer (4) and 1 x M10 nut (5).
- Ensure that the shim (6) remains at lower rear hole between gusset and chassis.



14mm, 17mm Socket & Ratchet 14mm Combi Spanner



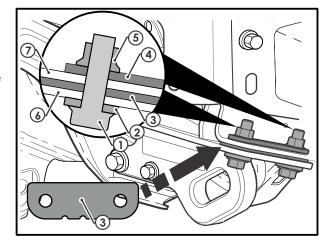




JULY 2015 PRODUCTION ONWARDS Part No: PZQ50-89650

—Step 10-

- Loosely fit 2 x M10x30mm bolts (1), 2 x M10 washers (2), 2 hole packers (3), 1 x washer plate (4) and 2 x M10 nuts (5) between cross member (6) (or winch cradle if fitted)
- Choose 2 hole packer combination to remove gap between the recovery point (7) and cross member (8) (or winch cradle if fitted).



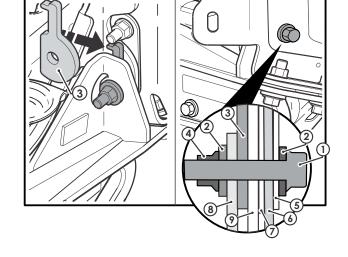
Tools Required:

14mm Socket & Ratchet 14mm Combi Spanner

- Step 11.

- Loosley fit 1 x M10x60mm bolt (1), 2 x M10 washers (2), 1 hole packer (3) and 1 x M10 nut (4) through crush box (5), cross member (6) and chassis end plate (7) as shown.
- Choose 1 hole packer combination to remove gap between the recovery point (8) and chassis gusset (9).
- Ensure packer is orientated as shown.





Step 12

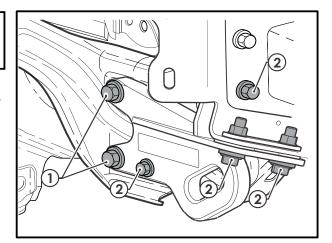


Ensure there are no air gaps in joints with packers.

- Hand tighten 2 x M12 (1) bolts and 4 x M10 (2) bolts.
- Check alignment of recovery point between cross member (or winch cradle if fitted) and add/remove 2 hole packers as necessary to set ideal thickness combination.
- Check alignment of recovery point and chassis gusset and add/remove 1 hole packers as necessary to set ideal thickness combination.
- Torque 2 x M12 (1) bolts and 4 x M10 (2) bolts to 10Nm.



14mm, 17mm Socket Torque Wrench 14mm Combi Spanner



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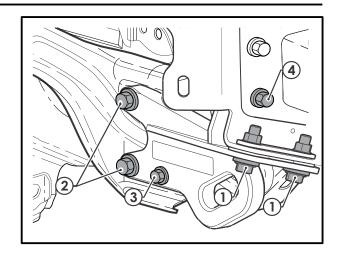


JULY 2015 PRODUCTION ONWARDS Part No: PZQ50-89650

-Step 13-

- Confirm alinement of recovery point to cross member and chassis gusset and repeat Step 12 if there is an air gap.
- Torque 2 x M10x30mm bolts to 70Nm.(1)
- Torque 2 x M12 bolts to 77Nm.(2)
- Torque 1 x M10x40mm bolt to 70Nm.(3) ⚠
- Torque 1 x M10x60mm Bolt to 70Nm.(4)
- Repeat steps 8-13 for LH side.

Tools Required: 14mm, 17mm Socket Torque Wrench 14mm Combi Spanner



- Step 14-

- Ensure that all bolts have been tighten to correct torque.
- If compatible winch cradle was installed re-fit splash panel/underpanels, refer to applicable bull bar fitting instructions for details.
- If compatible winch cradle was not installed continue with bull bar fitment.

