HYUNDAI KONA.

Kit part no. J9A04APH00.



MSXi - Approved
27.04.2018

Towbar Fitting Instructions.

Estimated fitting time 70 minutes.

Note: The Tongue is to be removed from the Towbar and stored in a secure location when not towing.

Issue 2. Date 26/04/2018

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General Notes.

- Read through the fitting instructions before installation of the accessory. 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 Hyundai 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, or suitable automotive rust inhibitor.
- Remove all metal swarf and dust from all vehicle surfaces if surface is used for accessory installation.

Safety Notes.

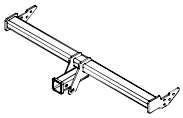


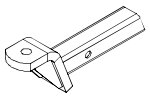
- Check that all work practices comply with safety standards.
- Please wear appropriate clothing and use safety equipment.

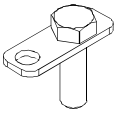
Fitting Time.

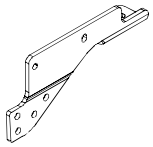
Est. 70 minutes.

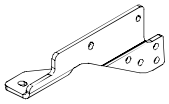
Parts Supplied

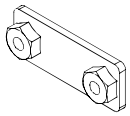
1. 
Towbar Main Beam x 1

2. 
Tongue x 1

3. 
T-Bolt x 2

4. 
Driver's Side Arm x 1

5. 
Passenger's Side Arm x 1

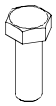
6. 
Nut Plate x 2

7. 
Plug Bracket x 1

8. 
Towball x 1

9. 
Washer Flat M12 x 20

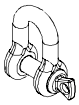
10. 
Washer Flat M10 x 2

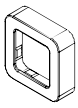
11. 
Bolt M12 x 35 x 1.75 x 12

12. 
Nut M10 x 1.5 x 3

13. 
Nut M12 x 1.75 x 8

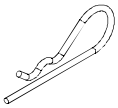
14. 
SetScrew M10 x 30 x 1.5 x 1

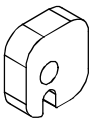
15. 
D'Shackle x 2

16. 
Hitch Box Collar x 1

17. 
Hitch Box Insert x 1

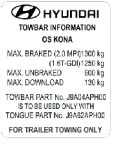
18. 
Pull Pin x 1

19. 
R-Clip x 1

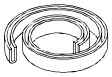
20. 
Brake Liner Spacer x 2

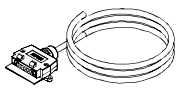
21. 
SetScrew M8 x 25 x 1.25 x 2

22. 
Washer Spring M8 x 2

23 

Load Rating Label x 1

24. 
Bumper Trim x 1

25. 
Trailer Wire Harnessx 1

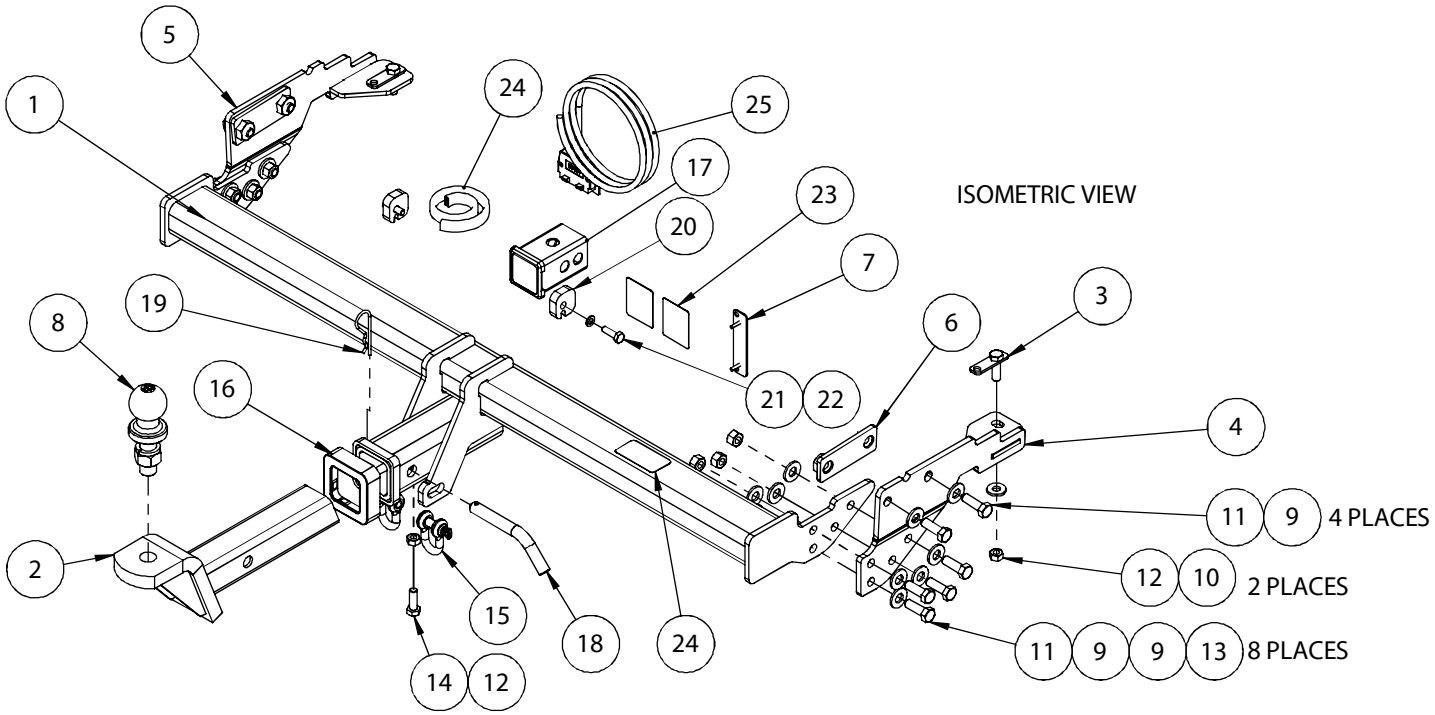
26. 

Fitting Instructions x 1

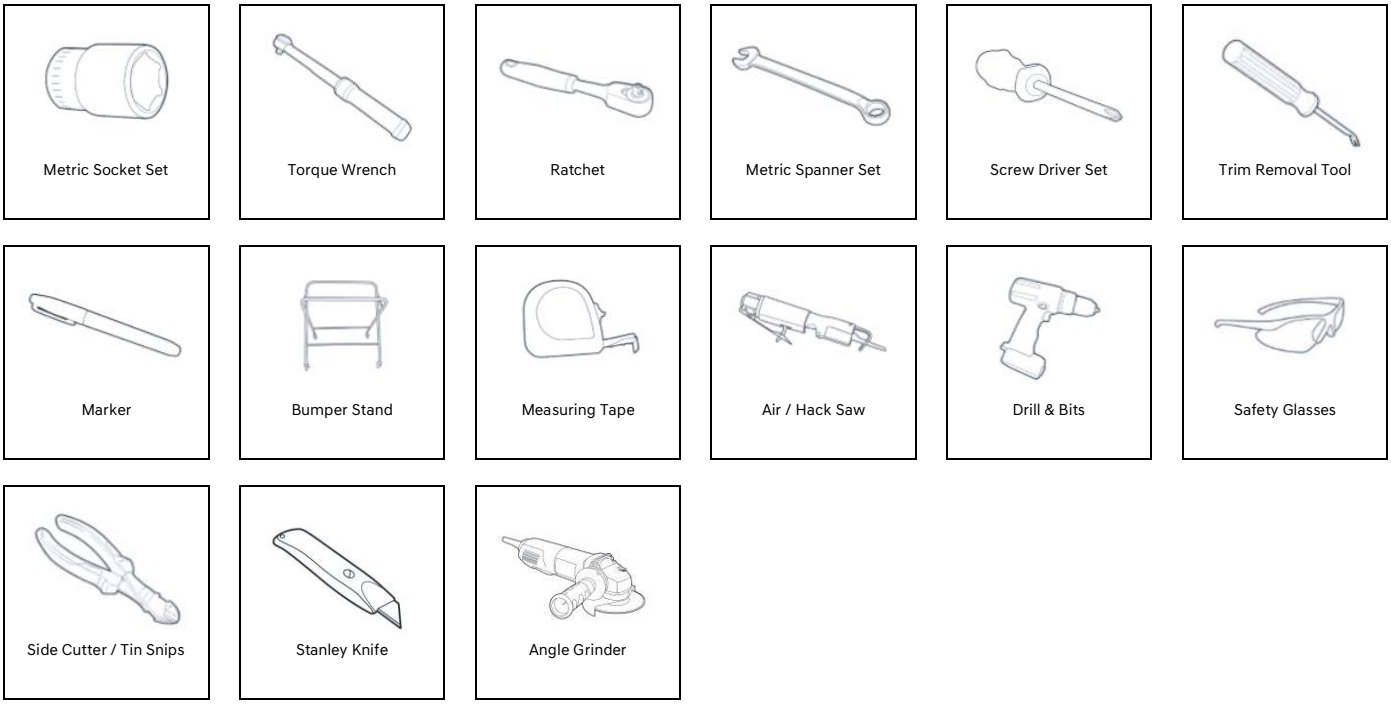
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Kit part no. J9A04APH00.

Layout Diagram



Tools Required.



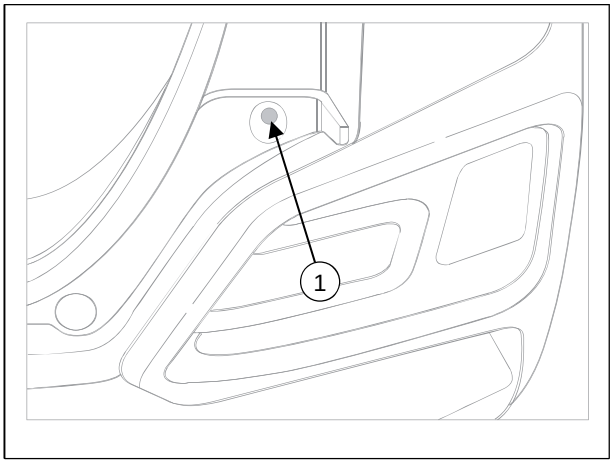
Step 1.

Important **Always refer to the vehicle's Workshop Manual when removing vehicle components.**

- Open the tailgate of the vehicle.
- On the RHS, remove screw (1) on the top edge of bumper.
  Repeat for LHS.

Tools Use

- Phillips Head Screwdriver

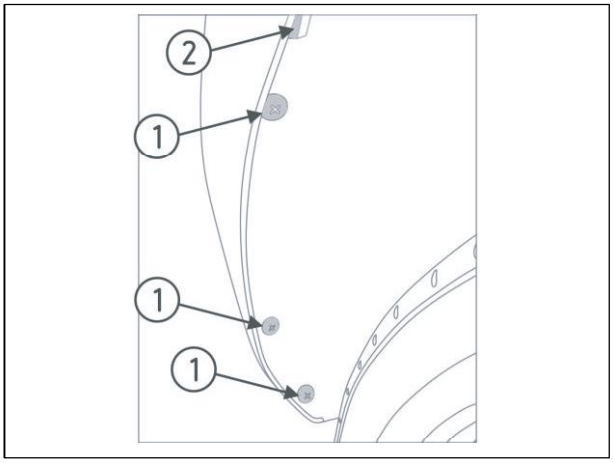


Step 2.

- Remove 3 x screws (1) and 1 x 8mm bolt (2) from the RHS rear wheel arch.
  Repeat on LHS.

Tools Used

- Phillips Head Screwdriver
- 8mm Socket
- Ratchet

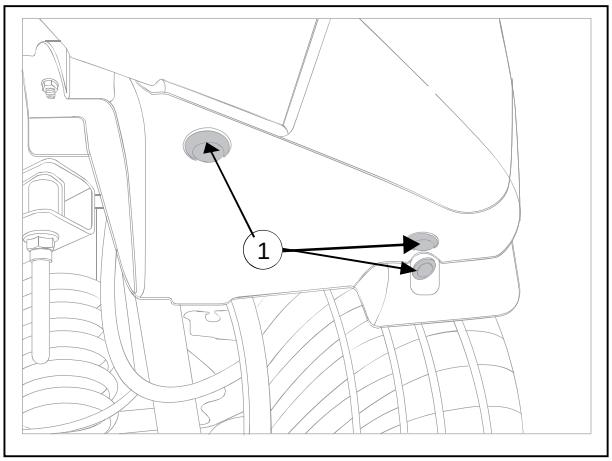


Step 3.

- Remove 3 x scrivets (1) from behind the RHS rear wheel.
  Repeat for LHS.

Tools Used

- Trim Removal Tool



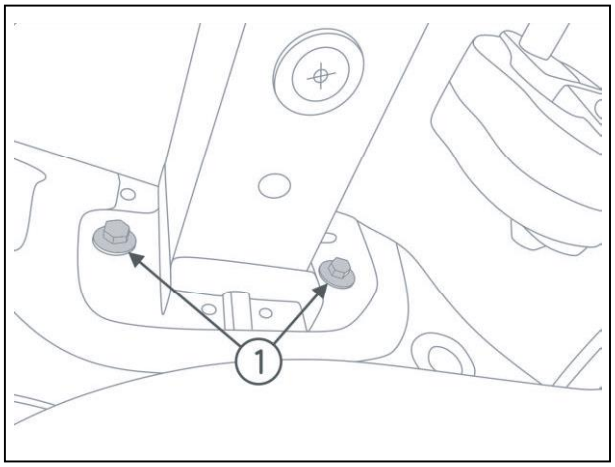
Step 4.

- Remove 2 x 12mm bolts (1) from inside the back panel of the vehicle that hold the Rear Impact Beam in place on the RHS.

  Repeat for LHS.
- Unclip the Rear Bumper from vehicle, disconnect the electrical connection to the Rear Bumper before fully removing the bumper from the vehicle.
- Place the removed bumper on the bumper stand.

Tools Used

- 12mm Socket
- Ratchet
- Bumper Stand



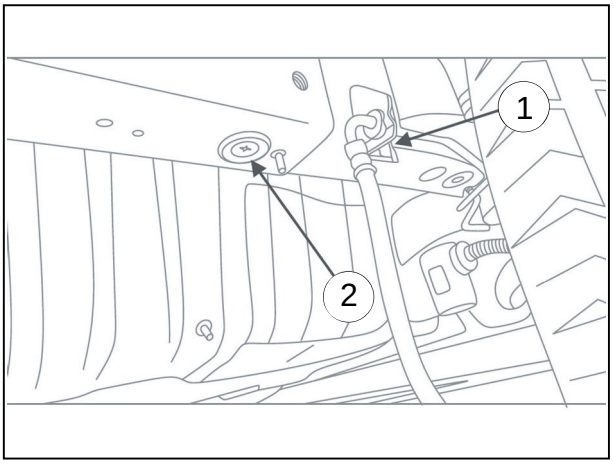
Step 5.

- Remove 1 x 12mm Bolt (1) and remove the bracket holding the brake line from the RHS. Discard vehicle 12mm bolt.
- Remove rubber grommet covering the hole on the underside of the Chassis Rail (2).
- Remove any excess body deadener from the chassis rails that may prevent the towbar from fitting.

  Repeat for LHS.

Tools Used

- 10mm Socket
- Ratchet
- Stanly Knife

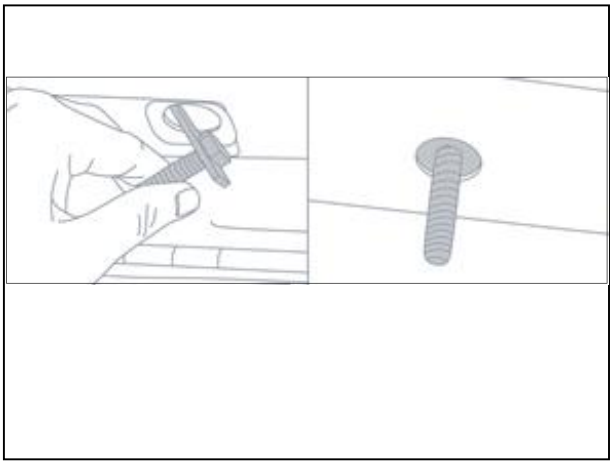


Step 6.

- On the RHS, insert T-Bolt through the uncovered hole and place over the hole as shown.
  Repeat for LHS.

Tools Used

- Safety Glasses



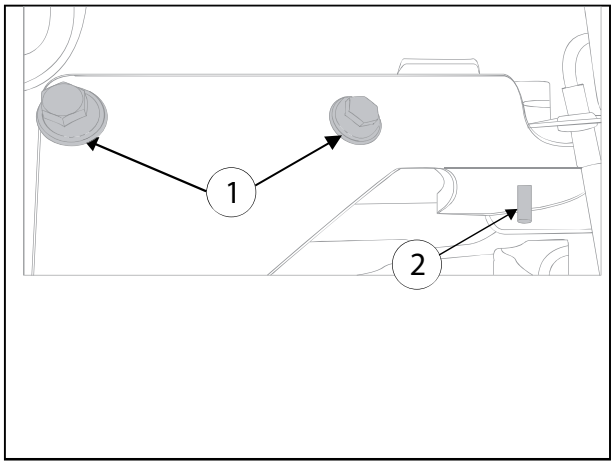
Step 7.

NOTE: Remove any body deadener from the chassis rail around the Towbar mounting points that may prevent the Towbar from mating correctly to the surfaces using a Stanley Knife or similar.

- Insert Nut Plate into the RHS Chassis Rail and align with the holes on the outside. Loosely secucure the RHS Side Arm to the vehicle using M12 x 35 x 1.75p CL10.9 Bolts and M12 Flat Washers (1) on the side of the chassis rails.
- Secure the RHS Side Arm to the T-Bolt with M10 Nut and M10 Flat Washer (2).
  Repeat for LHS.

Tools Used

- Stanley Kinfe
- 16mm/18mm Sockets
- Ratchet

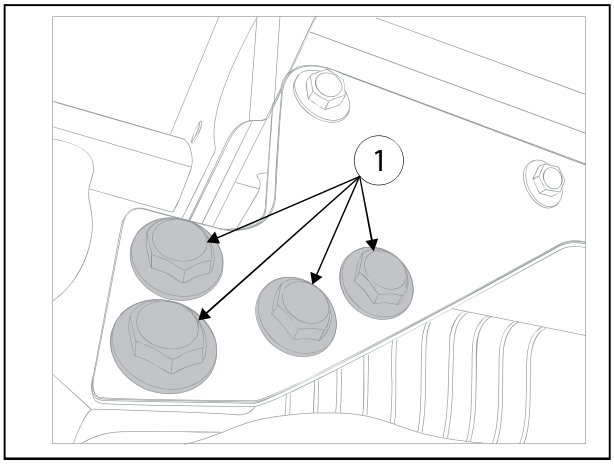


Step 8.

- Lift Towbar to the side arms and loosely secure with M12 Bolts, M12 Flat Washers and M12 Nuts (1).

Tools Used

- 18mm Socket
- 18mm Spanner
- Ratchet



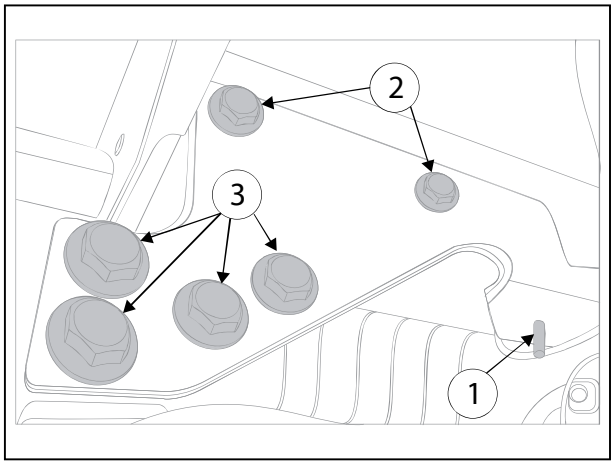
Step 9.

- Ensure that the Towbar is square to the vehicle, then tighten all fasteners to the recommended torque setting in the below order as per table.

Tightening Sequence	Fastener	Torque (Nm)
1	2 x M10 x 1.5 (1)	44
2	4 x M12 x 1.75 (2)	109
3	8 x M12 x 1.75 (3)	109

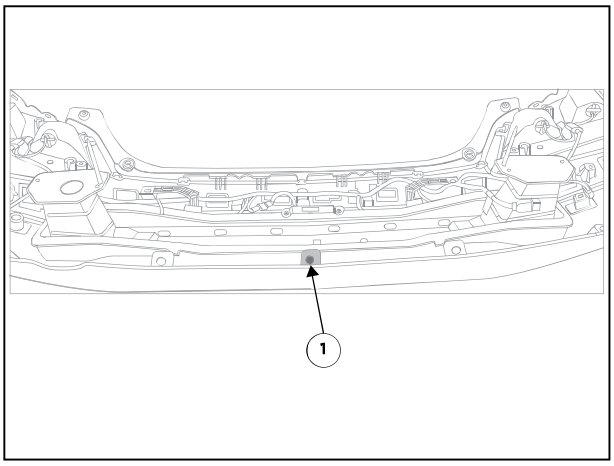
Tools Used

- 16mm Socket
- 18mm Socket
- 18mm Spanner
- Torque Wrench



Step 10.

Å Remove the plastic bumper support tab (1) in the centre of the bumper and discard.



Tools Used

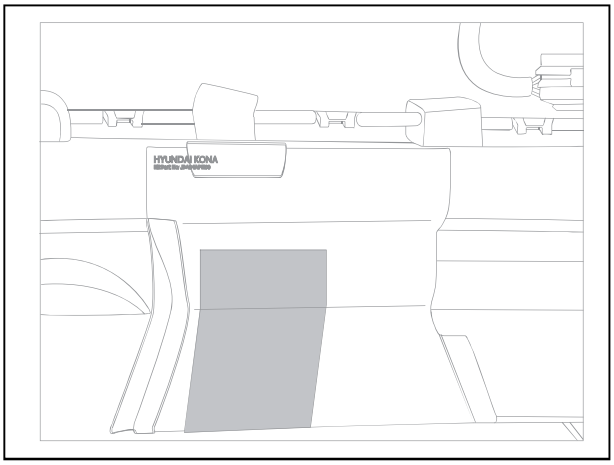
Å Phillips Head Screw Driver

Å Trim Removal Tool

Step 11.

Å Using the Bumper Cut Template on Page 11, cut rear bumper.

Å File all cut edges and apply the bumper trim to the perimeter of the bumper cut out.



Tools Used

Å Drill & Step Drill Bit

Å Air Saw/Hack Saw

Å Safety Glasses

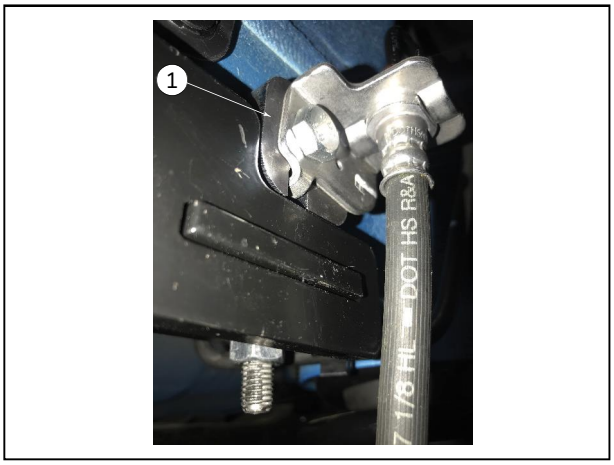
Å File/Rasp

Å Side Cutters

Step 12.

Å On the RHS, place the Brake Liner Spacer (1) between the chassis rail and the brake liner bracket and secure to vehilce with supplied M8 x 25 Bolt and M8 Spring Washer. Tighten M8 Bolt to 28Nm.

Repeat for LHS.



Tools Used

Å 12mm Socket
Å Ratchet
Å Torque Wrench

HYUNDAI KONA.

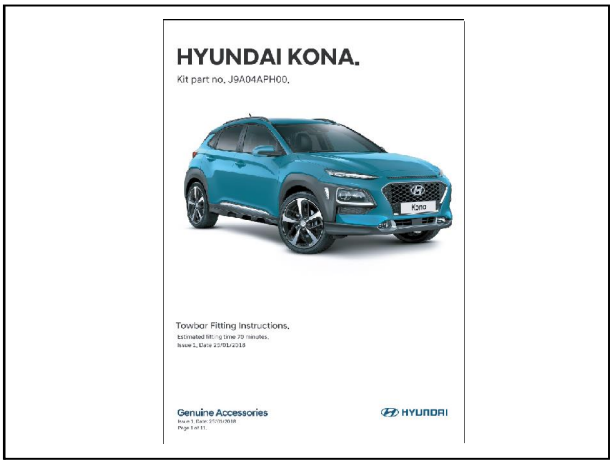
Kit part no. J9A04APH00.

Step 13.

- Install the Genuine Hyundai Kona Trailer Wiring Harness, as per the Wiring Harness fitting instructions, and then return to these instructions when complete.
- Re-install the exhaust, rear bumper and tail lights by completing Steps 1 to 5 in reverse order.

Important

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

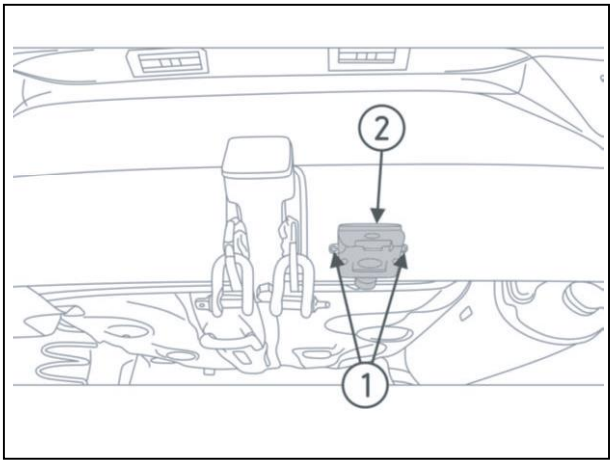


Step14.

- Place the Loose Plug Bracket inside the bumper and line up with the two 6mm holes drilled in Step 12.
- Attach the 7 Pin Socket (2) to the Loose Plug Bracket through the bumper with M4 Screws, M4 Washers and M4 Nyloc nuts (1).

Tools Used

- Phillips Head Screwdriver
- 7mm Spanner

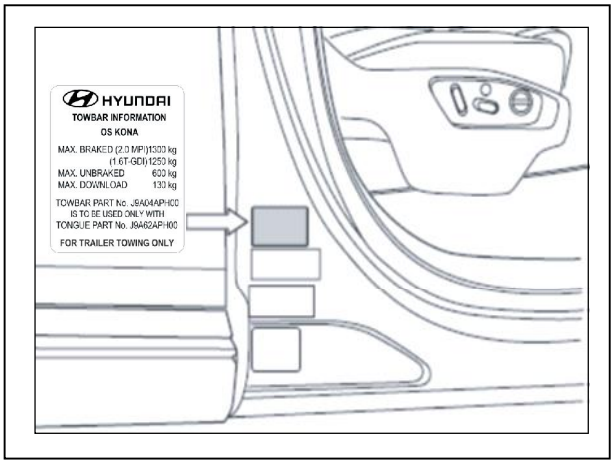


Step 15.

- Clean the area around the driver's side door pillar.
- Affix the ADR (load rating) label to the driver's side door pillar as shown.

Tools Used

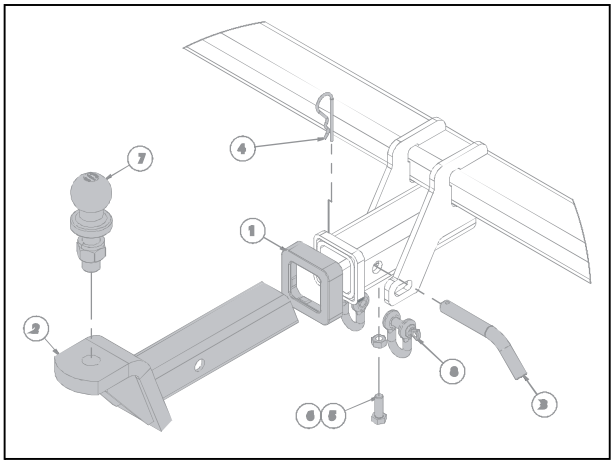
- Clean Dry Cloth



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Step 16.



- Attach the hitch box collar cover (1) to the tow bar hitch box.
- Insert the trailer ball mount (2) into the tow bar hitch box, and secure with the pull pin (3) and R clip (4).
- Insert M10 bolt (5) and M10 nut (6) to the tow bar assembly.
- Attach the tow ball (7) to the trailer ball mount (2) using the spring washer and nut, and tighten to 350Nm.
- Attach the D shackles (8) to the chain connection points on the tow bar.

Tools Used

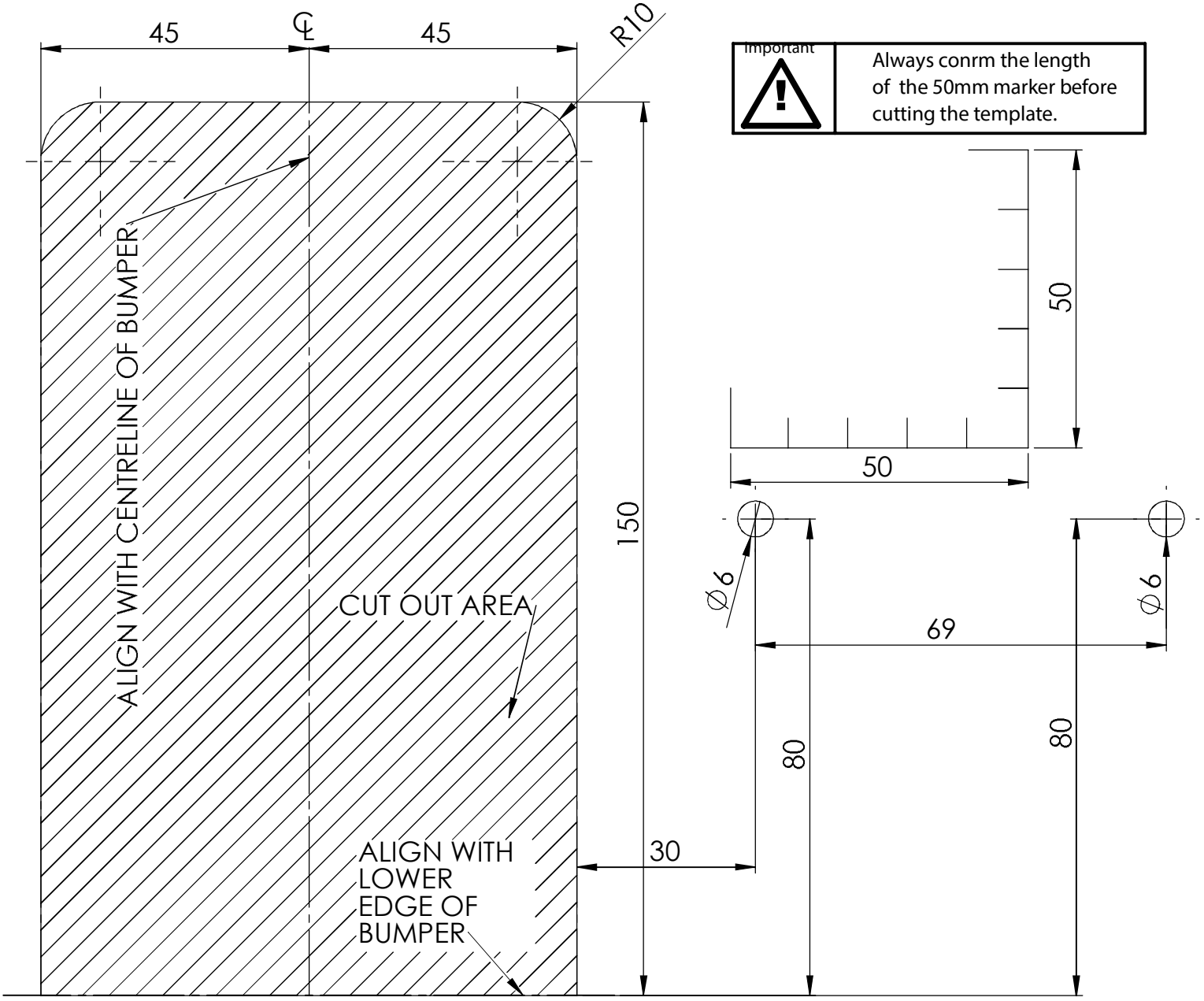
- Torque Wrench
- Socket Set
- Spanner Set

Important

NOTE: Tongue is to be removed from the Towbar and stored in a secure location when not towing.

Please place the Fitting Instructions in the glove box after installation is completed.

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45
℄
45
R10
ALIGN WITH CENTRELINE OF BUMPER
CUT OUT AREA
150
ALIGN WITH LOWER EDGE OF BUMPER
30
Important
Always conrm the length of the 50mm marker before cutting the template.
50
50
Ø6
69
Ø6
80
80