

INSTALLATION GUIDE



Toyota Tundra 2nd Gen 5.7L V8 Gasoline

SN59-3468

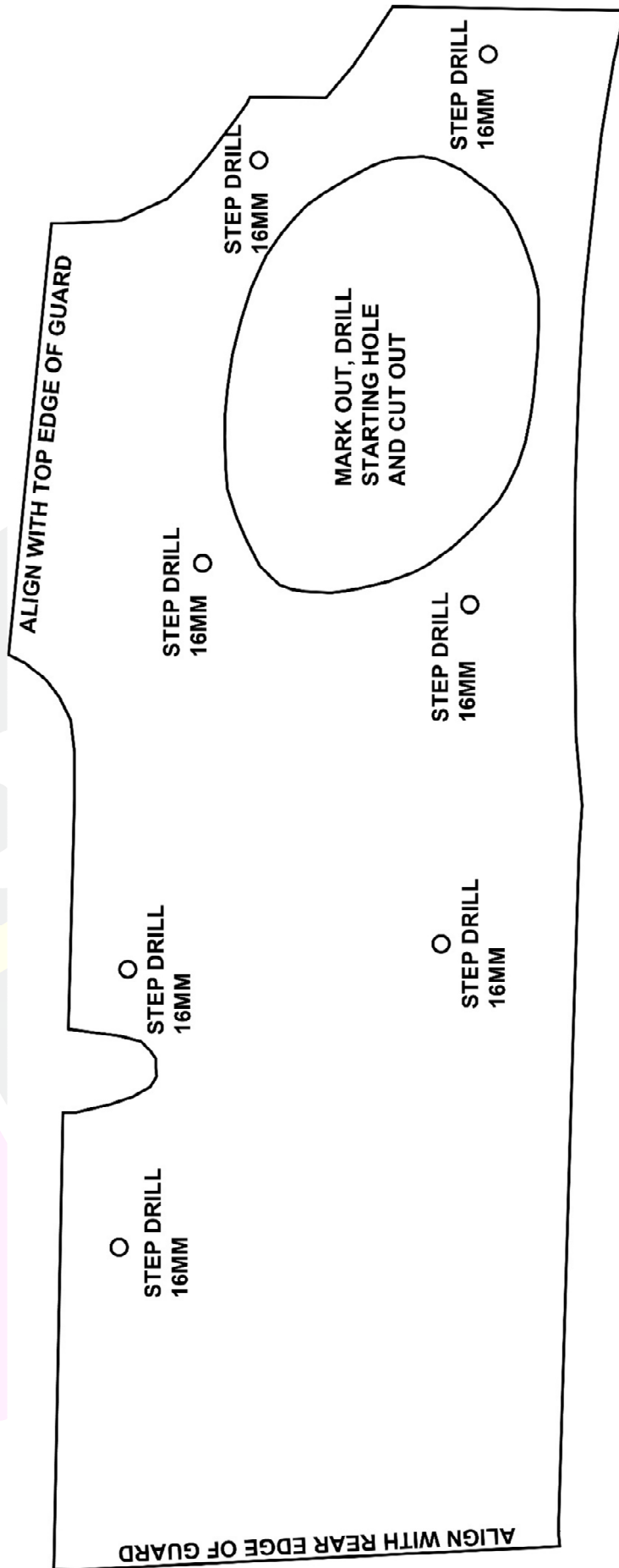


This Snorkel will take approximately 3 hours to install and is installed to the Right Hand Side of the vehicle.

Tools required are:

- Body saw or similar
- Step Drill, drill bits and drill
- Masking Tape
- Sensor safe Sealant (Sikaflex 227 Recommended)
- Touch up Paint and small brush or cotton bud
- Allen keys & Spanners
- Pop rivet gun
- Screw Drivers & torx bits
- Centre Punch and Hammer

Dobinsons 4x4 Snorkels should only be installed by a qualified technician. It is the installer's responsibility to ensure all bare metal is suitably rust proofed and all connections are water tight and sealed only with a "SENSOR SAFE" type sealant (Sikaflex 227 Recommended). Fully read and understand the instructions before beginning the installation.



Fitting Guide

1. Remove the RH plastic wheel arch guard by removing the screws and clips on the guard edge and plastic clips inside the wheel arch.
2. Remove the air box lid and air filter.
3. Remove the airbox. Discard the short round entry hose to the airbox
4. Masking tape the guard, it is best to tape the whole guard to prevent scratches whilst working.
5. Check the template against the snorkel body. Align the template on the vehicle as seen in picture on page 2, and tape it down ensuring it is aligned with the top and rear guard edges and then pulled tight to the outer guard edge. and double check again.



6. Once you are happy with the alignment of the template centre punch the 6 holes. Mark the large oval hole.
7. Drill the 7 holes with a small pilot drill.



8. Remove the template and using the step drill, drill the 7 stud holes out to 16mm to clear the studs to ensure the studs clear the body.

9. Drill a hole inside the large oval section to allow you to start your cut and trim away the oval section using a body saw or similar



10. Remove the burrs from all holes with file or deburrer.



11. Fit the upper snorkel body mount to the snorkel with the bolts supplied. Only do up finger tight for now as this will be removed shortly.
12. Fit the 7 studs to the snorkel body with thread lock and tighten with Allen key, DO NOT over-tighten.
13. Put some masking tape on the A-Pillar approximately where the upper bracket will mount.
14. Test fit the snorkel carefully and loosely fit the washers and nyloc nuts.
15. Mark the top Mounting bracket by marking the inside edge with a pen and the top and bottom edges. Check the position against the door to confirm the door clears the bracket when opening.



16. Remove the snorkel body and remove the bracket from the snorkel body.
17. Sit the bracket back in the marked position and mark the holes and centre punch.
18. Pilot drill the holes, and then drill suit the rivets supplied. It is a good idea when doing this to drill through a block of wood or equivalent spacer so that only about 5mm of the drill tip sticks out so you do not drill through your interior or air bags.
19. Remove the burs from these holes, remove masking tape, paint all bare metal surfaces including the holes drilled in the quarter panel, and remove all metal fillings from the A-Pillar gutter and quarter panel.
20. Apply a small amount of sealant to each hole.
21. Using rivets supplied, attach the top bracket to the holes drilled in previous steps.



22. Use a grinder and remove the 2 lugs from the airbox intake to allow the new rubber joiner to fit over and seal.
23. You may also need to use a sharp knife to trim some of the webbing from the front right side bracket closest to the airbox inlet to allow room for the rubber joiner and hose clamp.

24. The installer may choose to seal the airbox drain – this is recommended.
25. Install the supplied rubber joiner hose onto the snorkel body hose and install the snorkel body to the vehicle aligning the hose into the engine bay.



26. Install a hose clamp around the snorkel body end of the rubber joiner, forming it to the shape and position the clamp so you can tighten it.
27. Tighten the hose clamp on the snorkel body end of the rubber joiner
28. Fit the snorkel body to the quarter panel and on each stud put a large flat washer supplied and a nyloc nut and do up finger tight aligning the snorkel body outlet with the rubber joining hose. Install the upper bracket mounting bolts.



29. Tighten the nyloc nuts on the studs and upper bolts.
30. Re-install the airbox aligning the airbox with the rubber joiner hose and install and tighten the hose clamp.
31. Tighten the hose clamp ensure the hose is seated properly on the snorkel.

32. Fit your Dobinsons 4x4 Ram Head to the top of the snorkel with the black hose clamp supplied.



33. Refit all nuts and bolts to the air box, refit the air filter and air box cover and any other items removed during installation.
34. Refit the inner guard, and mud flap.
35. Allow the sealant to cure before running the vehicle.