

Toyota Landcruiser 200 Series

SN59-3356

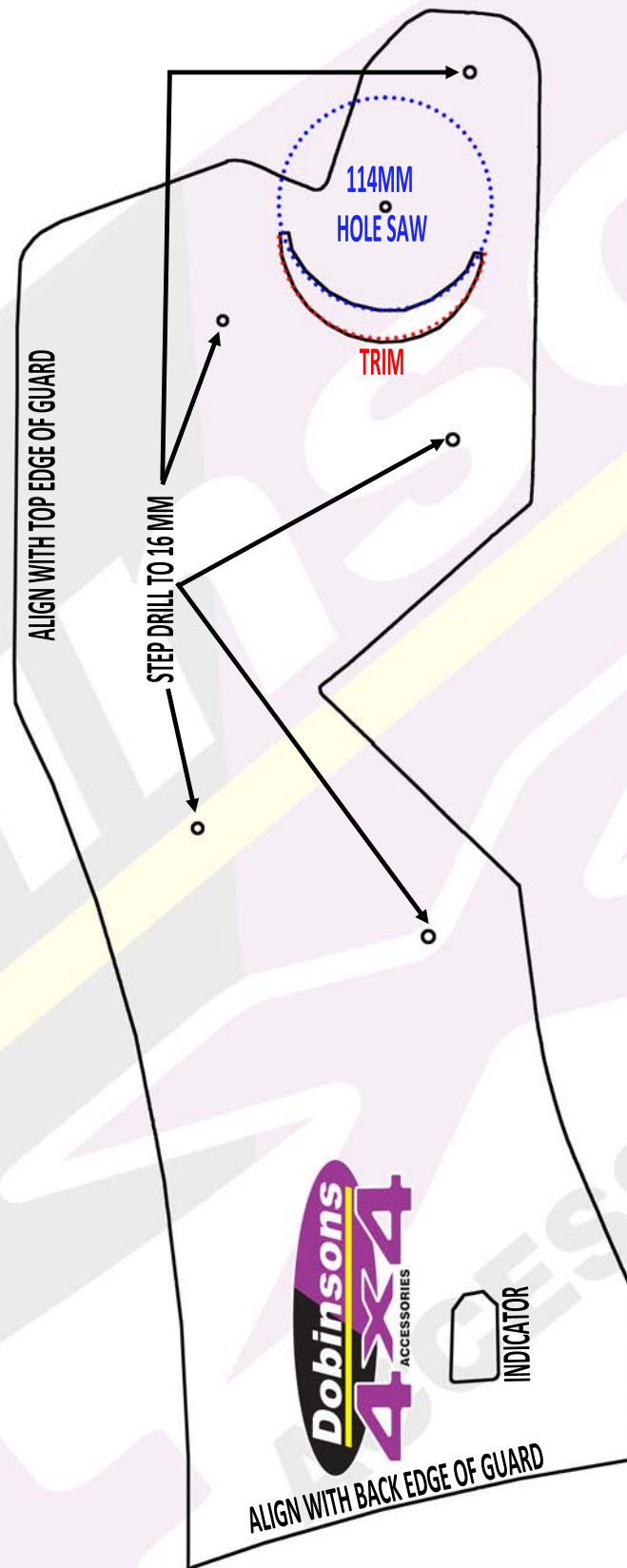


This Snorkel will take approximately 3 hours to install and is installed to the Right Hand Side of the vehicle.

Tools required are:

- 114mm hole saw
- 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
- Small Square file
- Screw Drivers
- Centre Punch and Hammer
- Pneumatic Hacksaw or equivalent

TEMPLATE OUTLAY



Fitting Guide

1. Remove the RH mud flap.
2. Remove the RH plastic inner wheel arch guard. **NOTE: On some models there is a small ECU unit on the inside the inner guard. THIS MAY NEED TO BE MOVED TEMPORARILY SO IT IS NOT DRILLED INTO. TAKE EXTREME CARE WHEN DRILLING TO ENSURE NO WIRES OR THE UNIT IS DRILL INTO.**



3. Remove the plastic air box joiner located above the inner wheel arch and keep bolts.



4. Remove the air box assembly and air box intake duct.
5. Remove the RH indicator.
6. Check the template against the snorkel body. Align the template on the vehicle as seen in picture on page 2, and tape it down and double check again.



7. Once you are happy with the alignment of the template centre punch the 6 holes and mark the cut away section.
8. Drill the 6 holes with a small pilot drill.
9. Using the step drill, drill the 5 stud holes out to 16mm to clear the studs to ensure the studs clear the body. Using a 114mm hole saw on low speed drill the remaining hole to clear the snorkel body outlet.



10. Then using the Pneumatic hacksaw or small metal cutting jigsaw cut away the section as seen on page 2.



11. Remove the burrs from all holes with file or deburrer.
12. Fit the upper snorkel body mount to the snorkel with the bolts supplied. DO not over tighten
13. Fit the 5 studs to the snorkel body with thread lock and tighten with Allen key, DO NOT over-tighten.
14. Put some masking tape on the A-Pillar approximately where the upper bracket will mount.
15. Test fit the snorkel carefully and mark the top Mounting bracket position on each side. Remove the snorkel and bracket, align the bracket back into the marked position, mark the holes and centre punch.

Fitting Guide



16. Pilot drill the holes, and then drill to 7.5mm. 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.



17. 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.

18. Put a small amount of sealant in the holes and fit the plastic screw clips to the holes.

19. Remove the foam from the air box intake.



20. Turn the dust valve to closed as seen in the picture above and seal the small hole in the bottom with sealant.



21. 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.

22. Using the screws supplied, screw the top bracket into the plastic screw clips. DO NOT OVER TIGHTEN.

23. PETROL MODELS - Tighten the nyloc nuts on the studs. (go to step 27).

24. DIESEL MODELS – A). Tighten the 2 upper nyloc nuts on the studs on the upper row of the snorkel.

25. B). On the centre lower stud you will need to remove the nyloc nut and place the above guard support bracket for diesels onto the stud and then using one of the factory bolts, fix the other end of the bracket to the inner guard where the original air duct mounted and tighten.

Fitting Guide



26. Tighten all nuts on the studs.
27. Tighten the upper mounting bracket bolts, DO NOT OVER TIGHTEN.
28. Install the rubber joining hose and hose clamps supplied to the snorkel body outlet, do not tighten yet.



29. Re-install the airbox aligning the air-box intake with the rubber joiner. Tighten both hose clamps.



30. Fit your Dobinsons 4x4 Ram Head to the top of the snorkel with the black hose clamp supplied
31. Refit all nuts and bolts to the air box, refit the air filter and air box cover.
32. Refit and re-connect the indicator.
33. Refit the inner guard.
34. Allow the sealant to cure before running the vehicle.



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