

# TR4A Hood

## Installation Instructions

For 572598 type hoods

**Important:** Before attaching any fittings to the new hood, ensure you have the correct hood for the car. Your new hood is a high quality, jig-assembled product designed to fit your car as perfectly as the original item. Reading and fully understanding the instructions before starting installation and, very importantly, installing the hood in warm conditions will help towards a successful outcome and a taut, wrinkle-free finish to your new hood. Cold hood material does not stretch easily, making the task more difficult and achieving a less satisfactory result.

It must be stressed that the instructions assume the hood frame is in good, undistorted condition and that all hood attachment and reference points on the car (for instance, windscreen position and angle) are dimensionally correct relative to each other. We cannot be held liable for a poorly fitting hood if this is not the case.

### Tools and Consumables Required:

Bradawl

Tape Measure and Chalk

7/16" AF Spanner

Sharp Knife

Tapered Pin Punch for Tubular Rivets

Durable Dot Socket Fitting Tool (advisable) and Hammer

Drill with Suitable Bit for Removing 1/8" Dia. Pop-Rivets

Pop-Rivet Gun with 9 off 1/8" Pop-Rivets (Part No. RU608123)

Can of Brush-On Trim Adhesive

1. Release the fixings on the hood and the header rail catches from the windscreen. Leave the hood and frame erected.
2. Inside the car, undo the five hex-head screws securing the retaining bar to the rear deck. Set the screws aside for re-use.
3. Fold the hood and frame back into the rear of the cockpit.
4. Carefully remove the header rail seal from its three retaining channels. Examine and purchase a new seal if necessary.
5. Release and remove the channels from the header rail by drilling out the pop rivets. Set the channels aside for re-use.
6. Remove the hood from the header rail. Clean the header rail, removing traces of old trim adhesive with sandpaper.
7. Remove the hood listing from the main bow of the frame (the listings are material flaps in the hood, held in this case by Durable Dot fasteners or rivets around the frame bows). If the hood has a zip-out rear window, also remove the listing from the rear hood bow.
8. Remove the old hood completely from the car, together with its retaining bar.
9. From the underside of the retaining bar, drill out the seven 'Lift-the-Dot' pegs to release the bar from the old hood. Discard the pegs and their fasteners. Examine the retaining bar and renovate for re-use or replace as necessary.
10. Re-erect the hood frame and fasten the catches to the windscreen. Examine the webbing and protection strips on the bows; replace if necessary.
11. Attach the retaining bar to the rear deck of the car with two of the hex-head screws, one screw hole in from each end.
12. Measure and mark with chalk the centre line of the new hood below the rear window.
13. Place the new hood over the frame, ensuring that the vertical front edges of the hood-sides align with the tops of the B posts on the car. Also check that the hood frame bows coincide with the seams across the new hood. Gently pull the hood material forward or back to correct the alignment.
14. If the frame bows still fail to coincide with the hood seams, measure and record the distance and direction each bow would have to move to be correct. Remove the hood from the frame and remove and reattach the webbing on the frame to reset the spacing between the bows. Lay the hood back over the frame once more and recheck the alignment.
15. Adjust the hood so that the rear edge of the hood just touches the rear deck of the car and the chalked centre line of the hood corresponds to the centre 'Lift-the-Dot' peg hole on the retaining bar. Using the bradawl, push a hole in the hood through to the centre peg hole on the retaining bar.
16. Undo the two hex-head screws and remove the retaining bar and hood from the car. Push a new 'Lift-the-Dot' peg through the hole in the hood and the centre hole of the retaining bar and attach the peg fastener from underneath the bar.
17. Replace the hood to its previous position on the car and re-attach the retaining bar to the rear deck with the two screws.
18. Ensuring that the rear edge of the hood remains just touching the rear deck, pull it towards one side of the car to tension it along the retaining bar. Push a hole in the hood coinciding with the next hole out from the centre on the retaining bar.
19. Repeat this process for the next hole out on the other side of the centre of the retaining bar.
20. Undo the two hex-head screws, remove the retaining bar and hood from the car and attach two pegs and fasteners as previously described through the hood and retaining bar.
21. Repeat processes 17 to 20, attaching two pegs at a time, until the hood is completely fixed on the retaining bar by all seven pegs.
22. Attach the hood by the retaining bar to the rear deck of the car, using the five hex-head screws. Do not tighten any of the screws down until all five have been located in the nuts in the rear deck.
23. Moving to one side of the hood, pull the hood material down and forwards under the rear quarter window. Mark on the hood material with chalk the position of the rearmost of the three studs on the cockpit side of the car. Fit a Durable Dot socket and button to the hood and fasten it onto the stud on the cockpit side.
24. Repeat this process for the rearmost stud on the other side of the car.
25. Repeat the process forwards along the cockpit sides, alternating from side to side, for the other cockpit side Durable Dots (two more per side). On each occasion, remember to pull the hood material forward and down to create a taut fit before marking and attaching the Durable Dot.
26. When all six of the cockpit side fixings have been completed, release them from the car.
27. Inside the car, fasten the hood listing around the main bow of the frame, using the five ready-fitted Durable Dot fasteners. If the new hood has a zip-out rear window, repeat the process for the listing around the rear hood bow.
28. With the header rail catches fastened to the windscreen and all cockpit side and listing fixings attached, check that the listing is aligned straight along the main bow and the hood seam is aligned straight along the rear bow, pulling the hood material forward over the header rail on either side as necessary to correct the alignment.

29. Pull the hood front corners forward until the end of the rain strips are 3/4" in front of the rear top corners of the windscreen frame. Draw chalk lines both inside and outside the hood to mark the position of the front edge of the header rail.
30. Pull the centre of the hood forwards and again mark the position of the header rail front edge on the inside of the hood.
31. Apply 1.5" wide strips of adhesive both forward and behind the latter chalk line inside the hood. Note that Stayfast, Double Duck and Mohair hoods will soak up the adhesive, so a second coat will be required in these instances. Apply adhesive 1.5" wide to the front upper edge of the header rail. Following adhesive instructions, allow time to semi-cure or 'flash off'.
32. Pull the hood forward by one front corner to the two original chalk lines and attach to the header rail. Similarly attach the other front corner and dress out towards the centre ensuring, as you go, a good adhesive bond. Leave for 10 to 15 minutes to allow bond to cure. Do not release header rail to windscreen catches during this time.
33. After the bond has cured, release the header rail catches and the other hood fasteners. Fold the hood and frame down.
34. Apply adhesive to the rebate on the underside of the header rail and to the hood material forward of the front edge of the header rail. Allow adhesive time to 'flash off'.
35. Attach the material to the rebate, starting with the trim tabs first and re-applying adhesive over the trim tabs as necessary before attaching the remainder of the material.
36. Using a bradawl, gently pierce holes in the material corresponding with the attachment holes in the header rail for the three seal retaining channels.
37. Attach the header rail seal retaining channels with pop-rivets.
38. Using a sharp knife, remove the excess hood material, trimming back to the rear edge of the channels.
39. Refit the header rail seal to the channels.
40. Re-erect the hood and frame, attaching all hood fasteners and the header rail catches.

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