

AIRTEC Fitting Instructions

M O T O R S P O R T

Vehicle:	BMW M140i
Product:	Front Mount Induction Kit
Part number:	ATMSBMW36



Kit Contents:

1x AIRTEC Motorsport Large Air Filter (90mm Neck)	2x M8x12mm Hex Head Bolts
1x AIRTEC Motorsport Induction Pipe 1	2x M8 Small Washers
1x AIRTEC Motorsport Induction Pipe 2	2x M4x12mm Socket Head Bolts
1x Pro Hoses Silicone Hose 1 – 89mm Straight	2x M4 Small Washers
1x Pro Hoses Silicone Hose 2 – 89mm to 93mm Reducer	1x 120mm Jubilee Clip
1x Rear Induction Pipe Bracket	3x 100mm Jubilee Clips

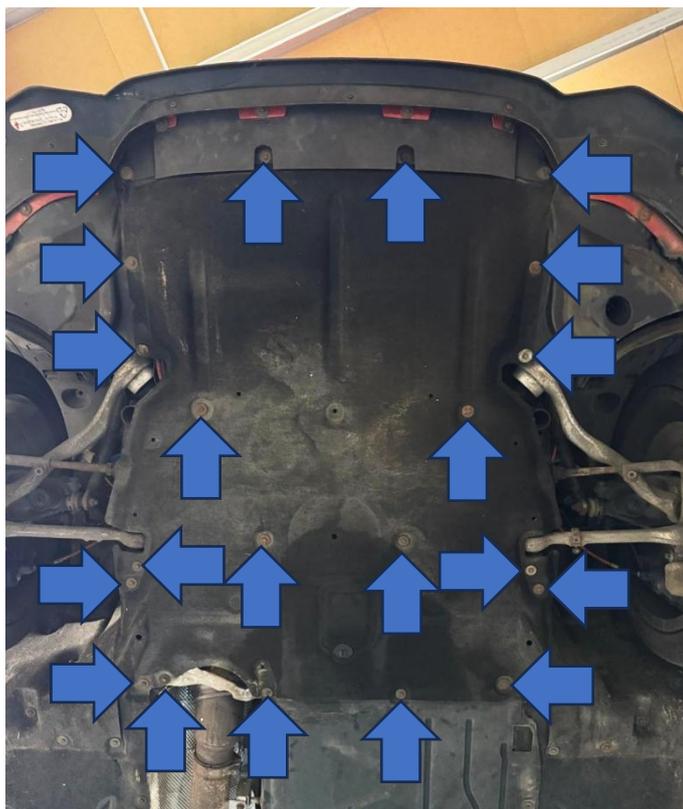
Tools Required:

<ul style="list-style-type: none"> • Ratchet and Socket Set • Torx Socket Set • Trim Removal Tool • Flat-Head Screwdriver 	<ul style="list-style-type: none"> • Dremel Tool or Hacksaw • Sharpe Knife • Jubilee Driver
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PLEASE THOROUGHLY READ THESE INSTRUCTIONS AND MAKE SURE YOU ARE FAMILIAR WITH THE STEPS BEFORE CARRYING THEM OUT

Instructions:

1. Start by removing the 21 bolts securing the under tray in place.



2. Next, remove the two 8mm bolts securing the lower bumper as well as the two bolts securing the inner wheel arch liner to the bumper on each side.



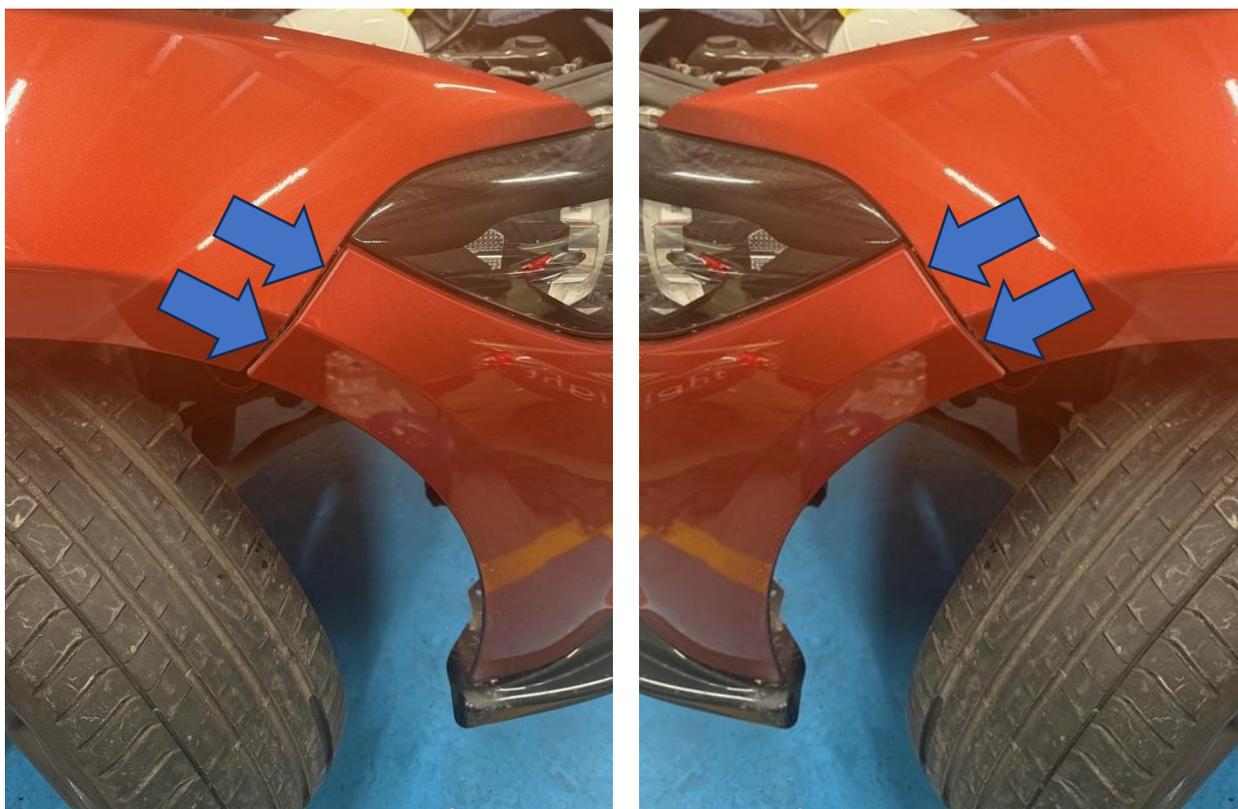
3. Remove the four eight-millimetre bolts holding the front of the bumper. This will release the bottom of the bumper.



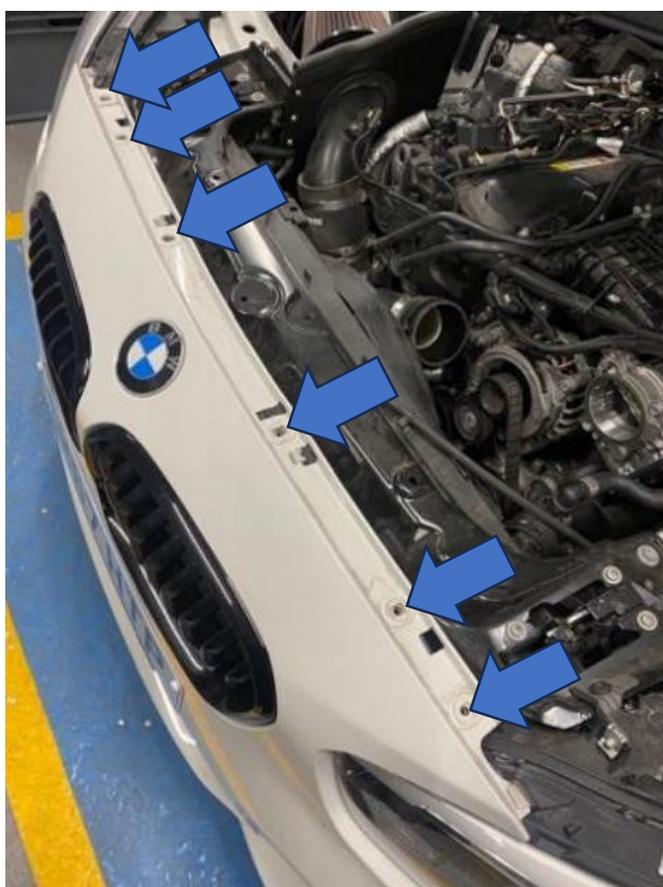
4. Next remove the 8mm bolts holding both the inner wheel arch liners in place. To remove the liners, unhook the brake duct and pull away from the bumper.



5. To release the sides of the bumper, remove the two 8mm bolts securing the bumper to the front wings.



6. At the top of the bumper remove the rubber trim along the top lip and undo the six T30 bolts underneath. Once everything is removed, carefully but firmly pull the bumper away from the car. Please be aware that cars optioned with front parking sensors will require the wiring to be unplugged.



7. Next, unplug the MAF sensor by carefully levering a flat-blade screwdriver inside the clip on the sensor plug.



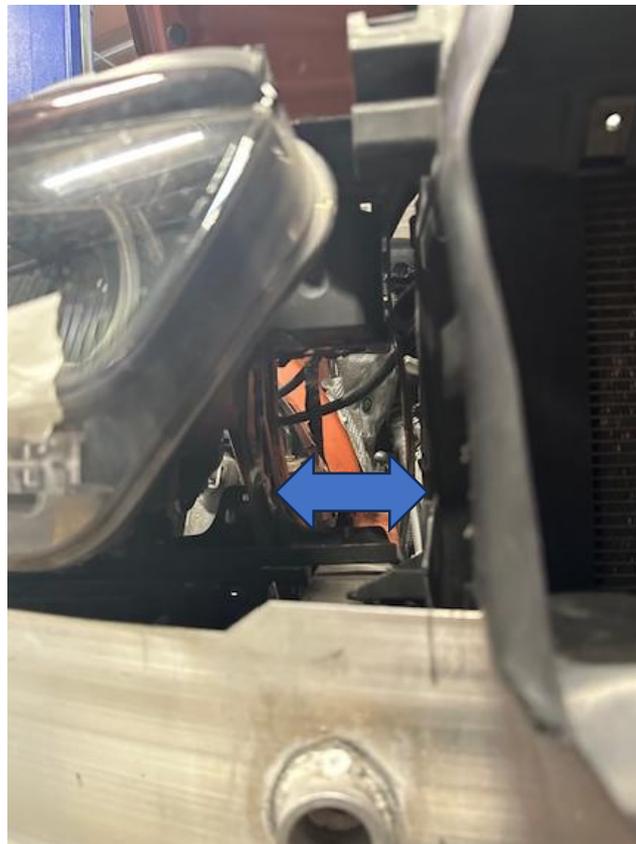
8. Now release the jubilee clip securing the intake hose to the air box. You can pull the hose away from the air box and then lift it from the engine bay, releasing it from the rubber mounting points underneath.



9. You will now have access to loosen the jubilee clip at the bottom of the hose. Once the clip has been loosened, removed the hose from the engine bay.



10. Remove the plastic air feed under the left-hand headlight. You will then need to widen the black metal bracket between the headlight and radiator to allow a 90mm pipe to pass through using a suitable cutting tool.



11. Next, undo the four bolts securing the front brace; two are in the centre and one on each side. For more clearance, the black surround can be loosened to allow the brace to come away.



12. Once the brace is removed, cut away the left-hand side brace (facing the car), as shown.

Please note: If you would prefer to buy another to cut/replace, the BMW part number is: 51647245789



13. Take a sharp knife and increase the opening in the plastic surround to allow a 90mm pipe to pass through.



14. Now, take the AIRTEC Motorsport 90-degree induction pipe and feed it through the hole created in Step 10. Secure in place using the M8 bolt and washer provided in the kit.



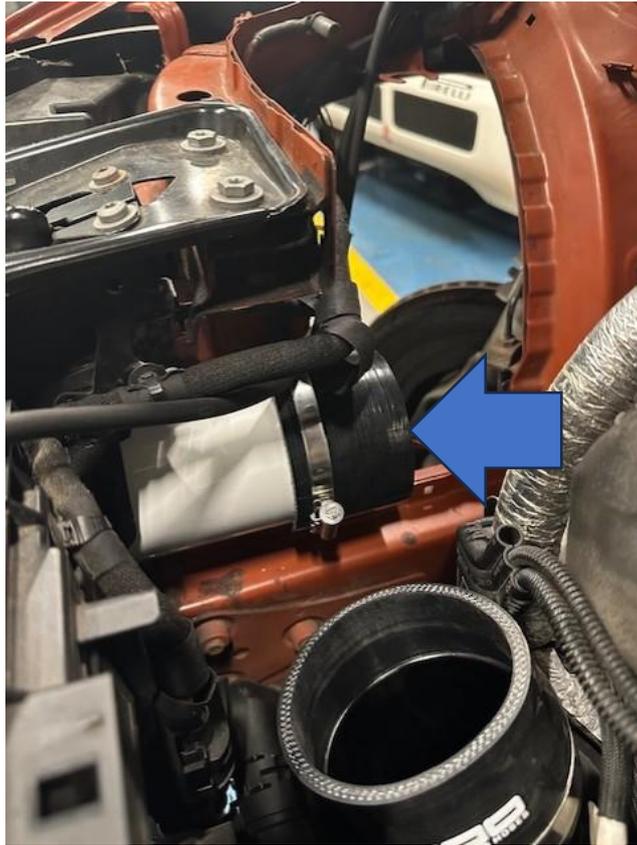
15. To complete this section of the induction system, slide the larger AIRTEC Motorsport air filter over the 90-degree induction pipe and secure with the jubilee clip provided on the air filter.



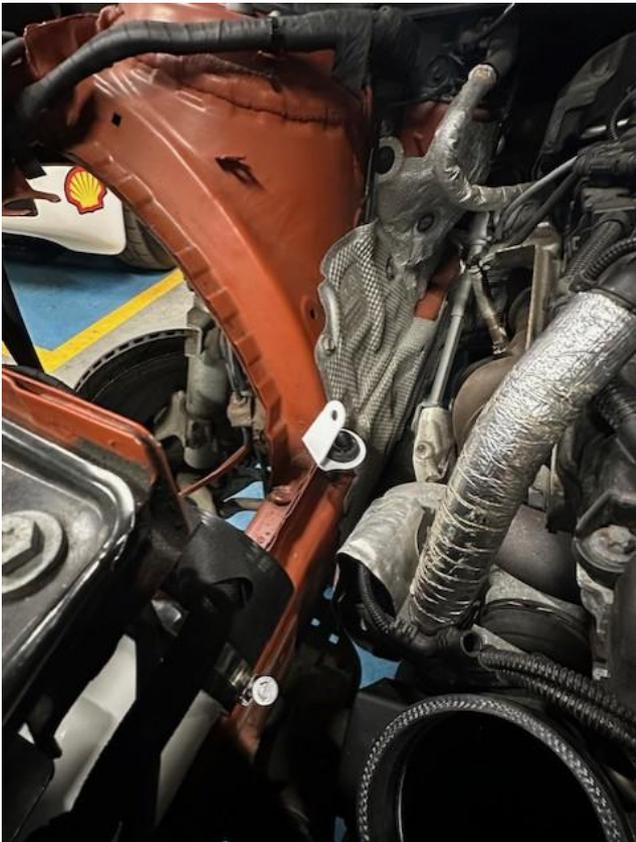
16. Now take the 89 to 93mm silicone reducer supplied in then kit and push the larger side over the turbo inlet (blue arrow) and secure with the jubilee clip provided.



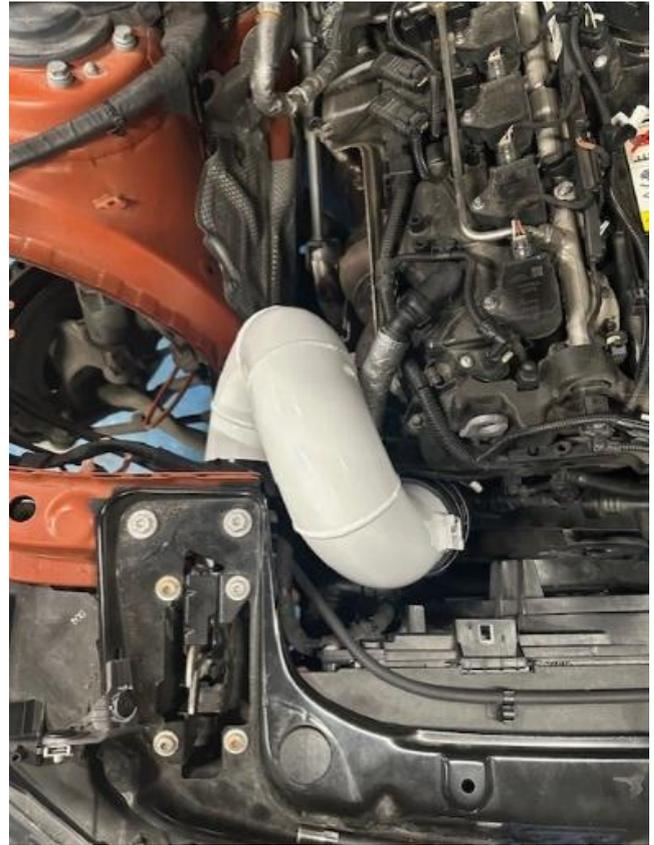
17. The remaining straight silicone hose provided in the kit can be fitted over the AIRTEC Motorsport induction pipe fitted in Step 14 and secure using a jubilee clip.



18. Locate the rubber push fitting from the original air box removed in Step 8 and fit it to the AIRTEC Motorsport induction bracket. You can then reattach the post, as shown.



19. Slide the two remaining jubilee clips over the silicone hoses and then loosely fit the last AIRTEC Motorsport induction pipe in place between the hoses. Adjust the fitment to ensure it doesn't touch the slam panel.



20. At the back of the induction pipe, secure the bracket fitted in Step 18 to the pipe with the M8 bolt and washer provided. Once in place, fully tighten all the jubilee clips.



21. Remove the MAF sensor from original induction pipe and secure it to the new AIRTEC Motorsport induction pipe using the M4 bolts provided in the kit. You can then reconnect the wiring plug.



22. Finally, check everything is tight and secure and refit the under tray and front bumper in reverse of removal.

