



INSTALLATION INSTRUCTIONS

Unitronic Front Mount Intercooler Upgrade Kit for B8/B8.5 A4®/A5® UH005-ICA

Unitronic recommends that you read through the entire installation instructions prior to beginning the installation to familiarize yourself with the included components, tools required, and procedures involved with the installation.

DISCLAIMER: Unitronic recommends that a Unitronic Authorized Dealer or other qualified and trained professional should perform the installation of this product.

Unitronic Installation Instructions are also available in digital format, if you prefer. Please visit the corresponding product page for a link to download the digital Installation Instructions. www.getunitronic.com

It is recommended to confirm all parts are present prior to beginning the installation.

PACKING LIST:

PART NUMBER	DESCRIPTION	QUANTITY INCLUDED
UH003-IC3	Unitronic Intercooler Core for B8/8.5 A4/A5	1
UH016-IC1	Unitronic IC Hose Kit for B8/8.5 A4/A5	1
UH003-IC0	Unitronic IC Hardware Kit for B8/8.5 A4/A5	1

RECOMMENDED TOOLS NEEDED:

- T25 Torx
- T30 Torx
- Flat-head screwdriver
- Ratchet
- 10mm deep socket
- 8" extension
- Jack stands and jack or vehicle hoist



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- 1** Remove the four (4) radiator cover bolts using your T30 torx. Remove the cover once the fasteners are removed. **(Fig. A)**
- 2** Remove the two (2) mounting screws of the air inlets using your T25 torx. Remove the air inlet. **(Fig. B)**
- 3** Remove the right side upper bumper mounting screw using your T25 torx. **(Fig. C)**
- 4** Remove the left side upper bumper mounting screw using your T25 torx. **(Fig. D)**
- 5** After raising the vehicle and securing it with jack stands, to gain access to the underside of the front end, remove the 9 bolts holding the belly pan using a flat-head screwdriver and remove the belly pan. **(Fig. E & F)**
- 6** Remove the four (4) T30 torx holding the lower portion of the bumper in place. **(Fig. G)**



FIG. A

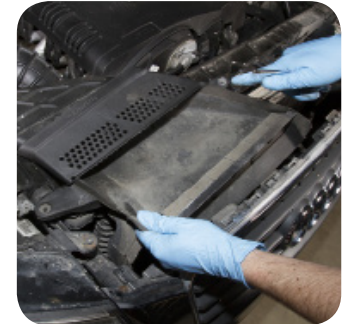


FIG. B



FIG. C



FIG. D

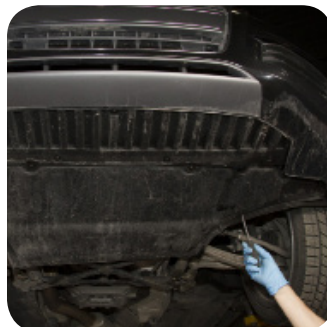


FIG. E



FIG. F



FIG. G



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UH005-ICA

- 7** Remove the two (2) T25 torx holding the fender liner. (Fig. H & I)
- 8** Using your ratchet, 8" extension and 10mm socket, remove the 10mm bolts holding the bumper in place, accessible through the fender liner. (Fig. J)
- 9** If your vehicle is equipped with fog lights, unplug the connectors for the fog lights. (Fig. K)
- 10** Repeat steps 7, 8, and 9 for the other side of the bumper.
- 11** Next, unclip the bumper on each side of the vehicle and slowly remove the bumper from the vehicle. (Fig. L & M)
- 12** Depress the two clips holding the left air guide and pull to remove them. (Fig. N & O) Twist the air guide 90 degrees and then lift it off. (Fig. P)
- 13** Repeat step 12 for the right side air guide. The air guide should be removed through the top. (Fig. Q)



FIG. H



FIG. I



FIG. J



FIG. K

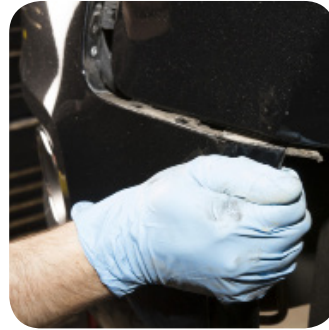


FIG. L

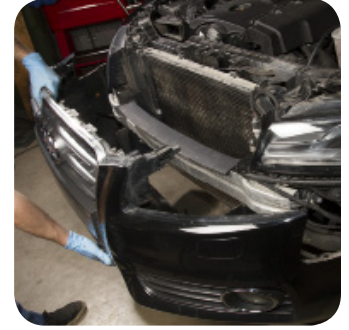


FIG. M

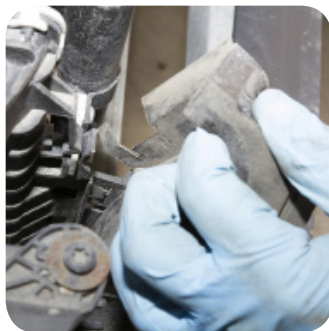


FIG. N



FIG. O



FIG. P



FIG. Q

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QUESTIONS OR CONCERNS? CALL US TOLL-FREE AT 1.866.341.2447 OR EMAIL US AT INFO@GETUNITRONIC.COM



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- 14** Using a flat-head screwdriver, loosen the two (2) clamps securing the driver's side intercooler outlet hose in place. Remove the hose. (Fig. R & S)
- 15** Loosen the two (2) clamps securing the passenger side intercooler inlet hose and remove the hose. (Fig. T, U, and V)
- 16** Remove the T30 torx holding the intercooler core in place. (Fig. W)
- 17** Unclip the left bracket holding the intercooler core in place and rotate it to the front to remove the core. (Fig. X) Make sure to unclip the temp. sensor from the intercooler before removal. (Fig. Y)
- 18** Locate the Unitronic Intercooler Core (UH003-IC3) and mount the intercooler into the mounting tab and rotate the core in its place, similar to the removal of the stock core. (Fig. AA)
- 19** Re-install the intercooler mounting screw. (Fig. BB)



FIG. R

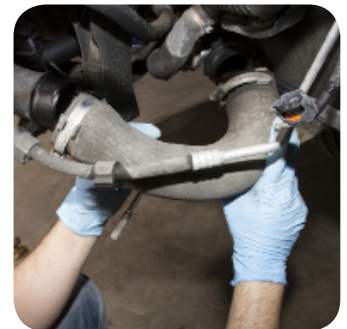


FIG. S



FIG. T



FIG. U

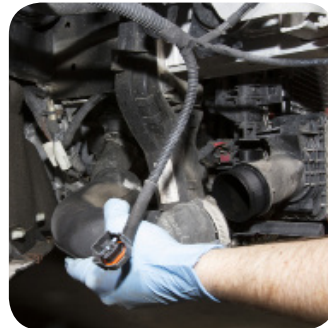


FIG. V



FIG. W



FIG. X

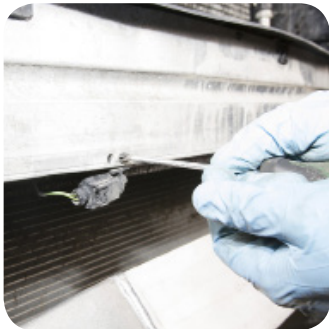


FIG. Y



FIG. AA



FIG. BB



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- 20** Locate the Unitronic Mounting Bracket in the Hardware Kit (UH003-IC0) and install the mounting bracket onto the passenger side mounting tab. The mounting bracket is designed to hold the core into place corresponding with the tab on the radiator support. **(Fig. CC)**
- 21** Next, locate the Unitronic Silicone Hose Kit (UH016-IC1). Mount the inlet hose from the turbo outlet to the intercooler and fasten the supplied clamps using your flat head screwdriver. **(Fig. DD & EE)**
- 22** Mount and install the intercooler outlet hose and secure the clamps using your flat-head screw driver. **(Fig. FF)**
- 23** Re-install the temp sensor. **(Fig. GG)**
- See next page for final re-installation instructions.



FIG. CC



FIG. DD

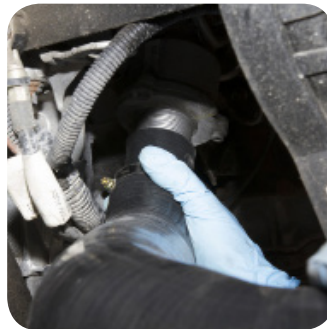


FIG. EE

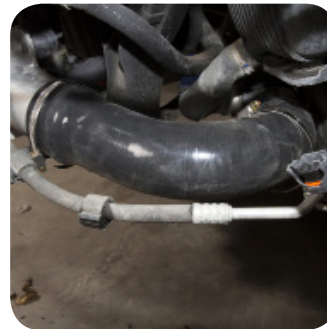


FIG. FF

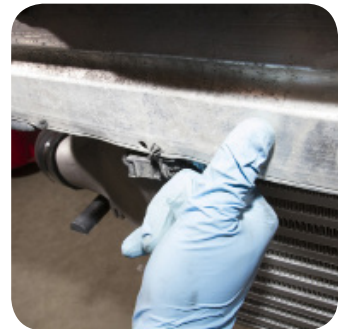


FIG. GG



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- 24** Re-install both air guides using similar procedure as removal. Be sure to ensure the air guides are properly installed onto the intercooler core (**Fig. HH & II**)
- 25** Re-install the bumper using similar procedure as removal. (**Fig. JJ**)
- 26** Re-install the two (2) 10mm bolts onto each side of the bumper, plug in your fog lights if equipped, and re-install the four (4) torx screws to affix the fender liner in place.
- 27** Re-install the lower bumper cover bolts and re-install the belly pan and mounting hardware.
- 28** Re-install the upper bumper mounting screws on both the driver and passenger side of the bumper.
- 29** Re-install the air duct using the original two (2) T25 mounting screws.
- 30** Finally, re-install the radiator cover using the original (4) T30 mounting screws.



FIG. HH



FIG. II

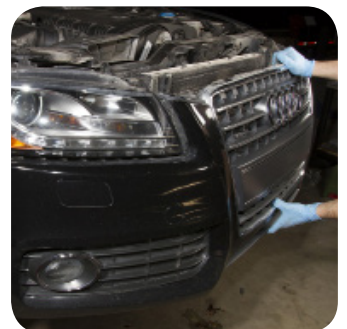


FIG. JJ