



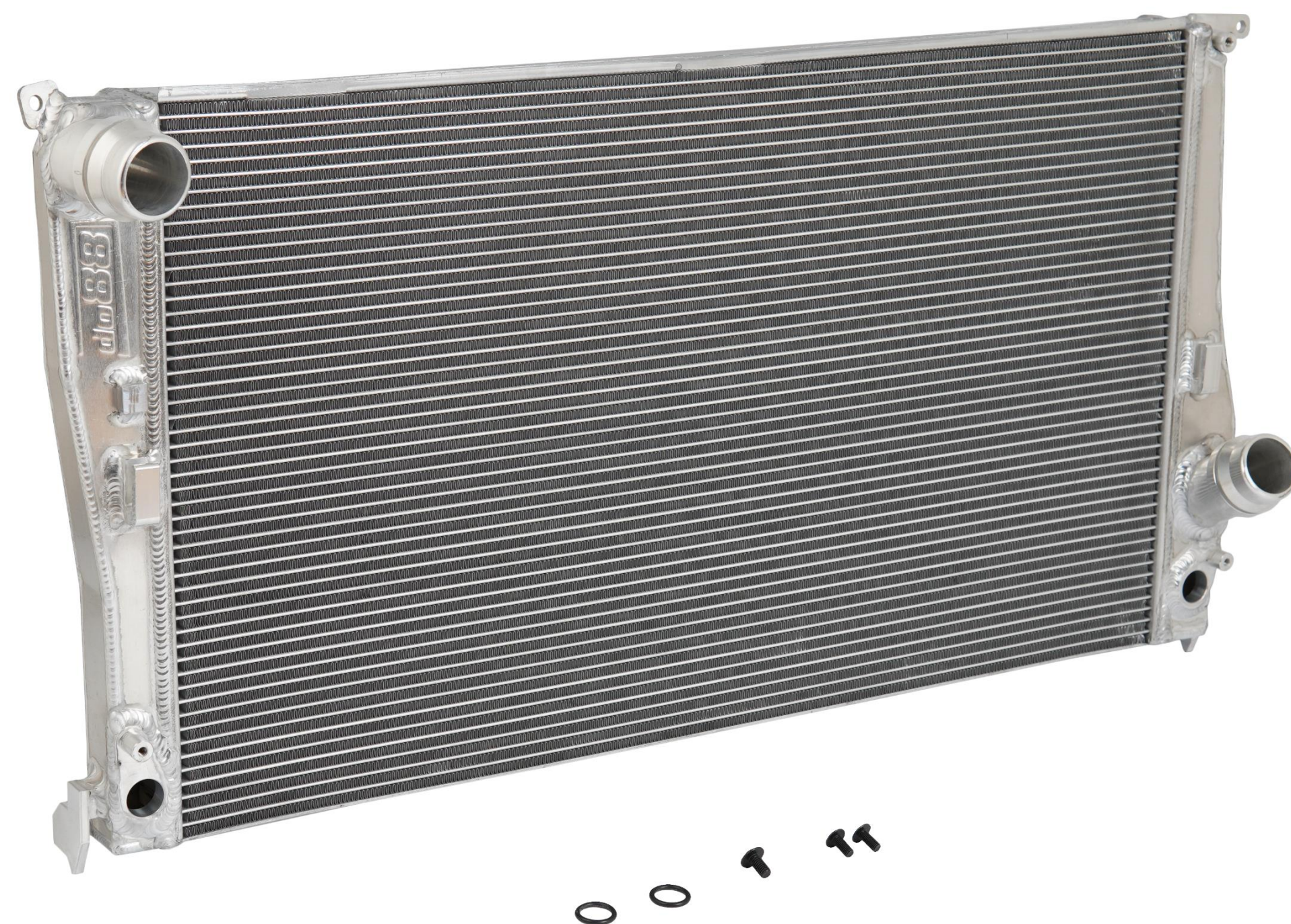
Installation Instruction

Performance Radiator



BMW 135I 335I 35I N54 N55 2007-2013 (E9X E82 E89)

This installation instruction is based on an install on a MY2011 BMW 335(x)i E91 Automatic.
Cars with other engines might differ a bit in some steps.



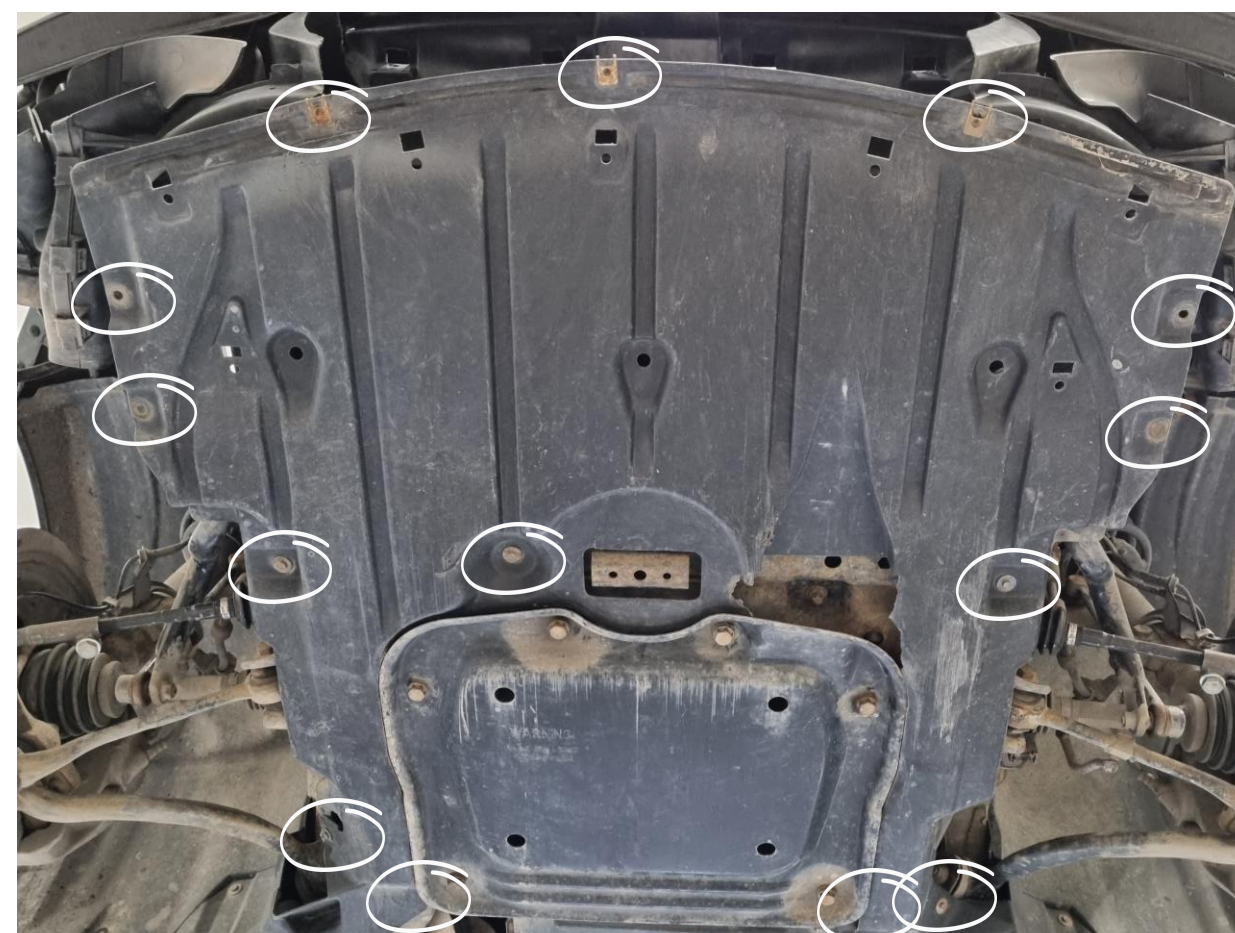
Description

This instruction shows how to replace the OEM Radiator with do88 performance radiator.

At this type of installation we always recommend that you have mechanical experience and knowledge about safety during work on vehicles.

Parts list

- 1pc do88 Performance Radiator
- 2pcs M5x12 Allen Screws
- 1pc M6x12 Allen screw (Automatic transmission only)
- 2pcs O-rings (14.5x2.5m) (Automatic transmission only)



Step 1

Remove the “under engine cover” 14x Hex 8mm screws.



Step 2

Remove the intercooler.
- Disconnect the right-side intercooler hose.
- Disconnect the left-side intercooler charge pipe.
- Remove 2x Torx T25 screws.



Step 3

Make sure the engine is cold then drain the coolant.
- Put a bucket underneath the drain plug.
- Remove the blue drain plug with a flat screwdriver.
- Open the expansion tank cap.



Step 4

Remove the fresh air channel to the air filter box.
2x Torx T20 screws.



Step 5

Remove the intercooler outlet charge pipe.
Loosen 1x hose clamp.



Step 6

Disconnect the fan cable connector. Also
disconnect the bleeder hose from the clips on the
fan cover.



Step 7

Disconnect the top radiator hose from the engine and the radiator (pry clips with flat screwdriver). Put this hose to the side to give space.



Step 8

(Automatic transmission only)
Remove 1x Torx T25 screw from the heat exchanger (bottom of the fan cover) then gently pull it downwards so it hangs below the fan cover.



Step 9

(Automatic transmission only)
Disconnect the small bottom left side radiator hose from the heat exchanger (pry clips with flat screwdriver).



Step 10

On the right-side disconnect the large radiator hose.

(Automatic transmission only)

Also disconnect the small radiator hose. (pry clips with flat screwdriver).



Step 11

Remove the top Torx T25 screws in each top corner of the radiator.

And then remove the radiator from the car. It is easier to remove if you angle the radiator and get the right side out first.



Step 12

(Automatic transmission only)

Remove both the lower hose connections from the original radiator, 2x Torx T25 screws.



Step 13

(Automatic transmission only)

Replace the o-rings on both the hose connections with the included o-rings. Fasten them to the do88 radiator with the included M5x12 Hex 8mm screws.



Step 14

Now carefully install the radiator into the car. Keep an eye on the power steering cooler so it does not fall out of its loose brackets.

Step 15

Re-install all other parts in reverse order except the top right screw for the fan cover, fasten it with the included M6x12 Hex 10mm screw.

Fill with original BMW coolant and bleed the system.



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