

2000-2009 HONDA S2000 DIRECT-FIT OIL COOLER

PARTS LIST AND INSTALLATION GUIDE

PARTS LIST

2PC | ALUMINUM INTERCOOLER PIPES W/CNC-MACHINED QUICK-DISCONNECT FLANGES

4PC | APPLICATION-SPECIFIC MOUNTING BRACKETS (INCLUDING HORN RELOCATION BRACKET)

1PC | 19-ROW OIL COOLER (SILVER OR BLACK)

1PC | STAINLESS STEEL BRAIDED HOSE (2 FT, 11 IN) WITH 45° AND 150° -10AN FITTINGS

1PC | STAINLESS STEEL BRAIDED HOSE (3 FT, 8 IN) WITH 45° AND 150° -10AN FITTINGS

1PC | M20 THERMOSTATIC SANDWICH PLATE (NON-THERMOSTATIC AVAILABLE)

1PC | M20 STAINLESS STEEL SANDWICH PLATE ADAPTER

2PC | M20 X -10AN STRAIGHT FITTINGS

1PC | MOUNTING HARDWARE SET

TOOLS NEEDED

8MM SOCKET	PHILLIPS SCREWDRIVER
10MM SOCKET	POP-CLIP PLIERS
12MM SOCKET	10MM WRENCH
27MM SOCKET	1" WRENCH
RATCHET	SHORT 1" WRENCH
RATCHET EXTENSION	OIL FUNNEL
3/8" DRIVE TORQUE WRENCH	OIL

DISCLAIMER

- Please dispose of any liquids properly.
- Allow vehicle to cool completely prior to attempting installation.
- Mishimoto Performance (MP) is not responsible for any vehicle damage or personal injury due to installation errors, misuse, or removal of MP products.
- MP always suggests that a trained professional install all MP products.
- Do not run the engine or drive the vehicle while overheating. Serious damage may occur.
- Raise vehicle only on jack stands or on a vehicle lift.
- See specific instructions for installing the sandwich plate on last page

INSTALLATION INSTRUCTIONS

01 | REMOVING THE FRONT BUMPER AND OIL FILTER

1. Jack up the car and secure it on jack stands.
2. Remove the five screws from the top of the bumper.



3. Remove the two 10mm bolts holding the top of the bumper to the fenders.
4. Remove the two 8mm bolts holding both corners of the bumper to the fenders.
5. Detach the lower shroud from the front bumper by removing the six 10mm bolts and three pop clips holding them together.
6. To remove the front bumper, pull down and out on the sides of the bumper, and then remove it from the car.
7. Remove the support beam, which is secured to the car by eight 10mm bolts.



8. Remove the front air dam by removing the four pop clips and four screw-type clips that secure it to the car.
9. Remove the oil filter from the housing.
10. Unbolt the airbox, which is held in place by three 10mm bolts. Then lift the airbox up and push it out of the way for easier access.

CONTINUED ON FOLLOWING PAGE →

01

2000-2009 HONDA S2000 DIRECT-FIT OIL COOLER

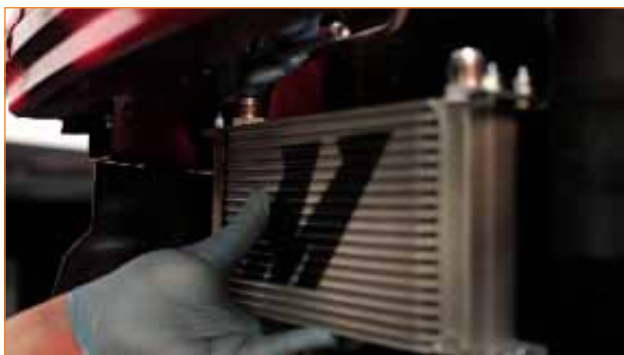
INSTALLATION GUIDE

02 | INSTALLING THE MISHIMOTO DIRECT-FIT OIL COOLER

1. Attach the index-marked bracket to the oil cooler using the supplied hardware.
2. Attach the top right bracket to the oil cooler using the supplied hardware.
3. Attach the bottom right bracket to the oil cooler using the supplied hardware.



4. Remove the horn bracket from the radiator support by removing the single 12mm bolt.
5. Disconnect the horn from the wiring harness.
6. Remove the single 10mm bolt holding the bracket to the horn, and then remove the bracket.
7. Once the bracket is removed, install the supplied bracket using the same 10mm bolt.
8. Remove the bracket for the ambient temperature switch, which is held in place by one 10mm bolt.
9. Remove the single 10mm bolt that holds the upper radiator support to the side of the frame.
10. Install the preassembled Mishimoto oil cooler.
11. Reinstall the 10mm bolt that holds the upper radiator support to the side of the frame. Make sure to use this same bolt to connect the oil cooler bracket to the car.



12. Reinstall the single 10mm bolt that holds the ambient temperature switch to the front of the car. Make sure to use this same bolt to connect the oil cooler bracket to the car.

13. Reinstall the horn with a single 12mm bolt. Go underneath the oil cooler to get past the A/C lines. Make sure to bolt down the oil cooler bracket to the car with this bolt at the same time.



14. Reconnect the wiring harness for the horn.
15. Connect the short oil line to the oil cooler. Feed it through the corner of the radiator support on the passenger side. This line connects to the left side of the cooler.
16. Connect the longer oil line to the oil cooler. Feed it through the same corner of the radiator support on the passenger side. This line connects to the right side of the cooler.
17. Tighten the oil line connections at the oil cooler.
18. Reinstall the front air dam using four pop clips and four screw-type clips.
19. Reinstall the support beam using eight 10mm bolts.
20. Prepare the sandwich plate for installation. If you have the standard sandwich plate, you will need to wrap the plugs for the sensor ports in Teflon tape.
22. Lubricate the sandwich plate O-ring with some fresh oil to ensure a proper seal.
23. Connect the long oil line to the fitting located toward the rear of the vehicle.



CONTINUED ON FOLLOWING PAGE →

02

2000-2009 HONDA S2000 DIRECT-FIT OIL COOLER INSTALLATION GUIDE

24. Connect the short oil line to the fitting located toward the front of the vehicle.

25. Attach the sandwich plate to the oil filter housing. Tighten the center bolt adapter to 40 ft-lb of torque.



26. Reinstall the oil filter on the sandwich plate.

03 | REINSTALLING THE FRONT BUMPER

1. Reconnect the airbox using three 10mm bolts.



2. Reinstall the front bumper.

3. Reinstall the lower shroud to the bumper using six 10mm bolts and three pop clips.

4. Reconnect the corners of the bumper to the fenders using one 8mm bolt on either side.

5. Reconnect the top of the bumper to the fenders using one 10mm bolt on either side.

6. Reinstall the five screw-type clips on the top of the front bumper to secure the bumper to the crash beam.

7. Check the oil level and add oil as needed. Then start the vehicle and check for any leaks.

8. You have now successfully installed the Mishimoto Direct-Fit Oil Cooler for the 2000-2009 Honda S2000. Enjoy!

See specific instructions for installing the sandwich plate →

03

2000-2009 HONDA S2000 DIRECT-FIT OIL COOLER

INSTALLATION GUIDE

SANDWICH PLATE

01 | ASSEMBLING 1/8" NPT PLUGS

1. Inspect components to ensure that male and female port threads and sealing surfaces are clean and dry and free of burrs, nicks, and scratches, and/or foreign material.

2. Apply Teflon® tape (or sealant) 1.5-2 full turns in clockwise direction when viewed from the pipe-thread end. Leave the first two threads without any Teflon® to avoid contamination.



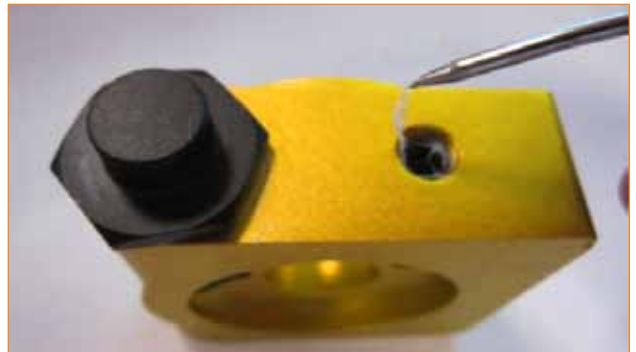
3. Screw plug into port until it is "finger tight."



4. Wrench tighten the plug 2-3 full turns. (1/8" npt only)



5. Remove any excess Teflon® after tightening.



Cleaning



6. Notice that no Teflon® tape is inside the npt port area.