

# MISHIMOTO 370Z OIL COOLER KIT

## PARTS LIST AND INSTALLATION GUIDE

### PARTS LIST

**3PC** | APPLICATION SPECIFIC MOUNTING BRACKETS

**1PC** | 19 ROW OIL COOLER

**1PC** | 4FT STAINLESS STEEL BRAIDED HOSE  
W/-10AN FITTINGS

**1PC** | 5FT STAINLESS STEEL BRAIDED HOSE  
W/-10AN FITTINGS

**1PC** | OIL SANDWICH PLATE M20, SILVER

**1PC** | STAINLESS STEEL SANDWICH PLATE  
ADAPTER, M20

**2PC** | BANJO FITTING W/ BOLT M20 X -10AN, BLACK

**1PC** | MOUNTING HARDWARE SET

### TOOLS NEEDED

|                   |                         |
|-------------------|-------------------------|
| JACK, JACK STANDS | 10MM SOCKET &/OR WRENCH |
| SOCKET WRENCH     | PANEL TOOL              |
| SOCKET EXTENSIONS | TEFLON TAPE             |
| SCREWDRIVER       | 5MM HEX KEY             |
| 27MM SOCKET       | OIL                     |

### DISCLAIMER

- Please dispose of any liquids properly.
- Allow vehicle to cool completely prior to attempting installation.
- Mishimoto Performance 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 regarding sandwich plate installation on last page.

**Note:** Oil cooler systems must be checked for leaks during each oil change.

## INSTALLATION INSTRUCTIONS

### 01 | PREPARING THE VEHICLE FOR INSTALLATION

1. Raise vehicle and support on jack stands.
2. Remove plastic clips and 10mm screws. Remove splash shield.
3. Remove bumper clips (pop clips).

4. Remove 10mm bolt from inner splash shield panel (both sides).



5. Remove front bumper.

### 02 | PREPARING THE MISHIMOTO OIL COOLER KIT FOR INSTALLATION

1. Wrap plug in Teflon tape and insert into sandwich plate.



2. Install O-ring seal on sandwich plate.
3. Assemble and install banjo fittings to sandwich plate. Be sure that a seal is on the top and bottom of the fitting.



CONTINUED ON FOLLOWING PAGE →

# 01

# MISHIMOTO 370Z OIL COOLER KIT

## INSTALLATION GUIDE

### 02 | PREPARING THE MISHIMOTO OIL COOLER KIT FOR INSTALLATION CONTINUED

4. Locate appropriate adaptor (no hash marks).



5. Remove oil filter and install sandwich plate to oil filter housing. Next, install appropriate adaptor in center of the sandwich plate. Tighten the adaptor in hold sandwich plate in place (27mm socket). Lastly, tighten the banjo fittings using the same 27mm socket.

6. Attach Mishimoto lower bracket to oil cooler using 10mm bolts.

7. Attach Mishimoto upper bracket to oil cooler using 10mm bolts. Leave loose until installation is complete.



8. Install threaded lines to oil cooler. Leave loose until installation is complete.



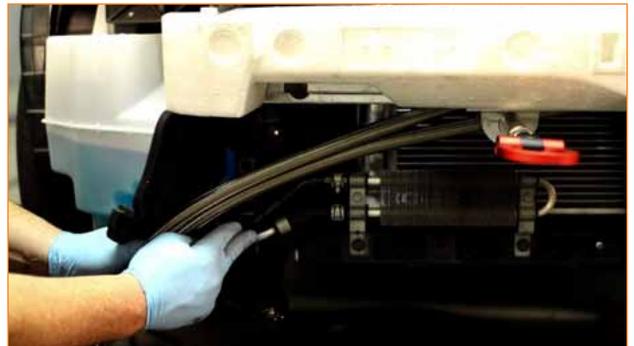
### 03 | INSTALLING MISHIMOTO OIL COOLER

1. Install threaded clips on vehicle.



2. Install oil cooler and bolt in brackets using the 10mm bolts. Then, tighten upper bracket hardware and threaded lines.

3. Stainless oil lines will follow P/S lines over metal support beam.



4. Connect lines to banjo fittings.



5. Install new oil filter.

6. Start vehicle and check for leaks. Be sure to check oil levels and add oil if necessary.

7. Reinstall front bumper with OEM pop clips and screws.

See specific instructions for installing the sandwich plate →

# 02

### 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.