Turbo Heat Shield Kit
Part Number: 94-001

BMW 2023-2024 M240i 3.0L Turbo
BMW 2020-2024 M340i 3.0L Turbo
BMW 2021-2024 M440i 3.0L Turbo
(Includes xDrive models, 6 Port)

Installation Instructions

For technical inquiries please email us at tech@hpsperformance.com

In the email, please include the following information for faster response:

- **Year / Make / Model / Engine of your vehicle**
- **If it is a fitment issue, please include pictures showing the fitment problem**
- **If there are missing parts, please list the part number(s) from the bill of materials on the 2nd page**
- **Optional but recommended – Your contact phone number and preferred call back time**

You can also give us a call via 626-747-9200 for tech support Monday-Friday, 9:00am-5:00pm Pacific Time.

Last Revision JT09082025

Bill of Materials

Kit Number: 94-001

Line #	Description	Part Number	Qty
1	Heat Shield	531-993	1
2	Flat Washer, M8, 24mm OD	HW-FW8L	5
3	Bolt, M8 x 1.25, 16mm Long	HW-B8-16	5

- **Before installing any parts of this heat shield kit, please read the instructions thoroughly.**
- **Verify the contents of this heat shield kit before disassembling your vehicle.**
- **Report any defective or missing parts to HPS directly. The HPS dealer you purchased this product from might not have the replacement parts you need.**
- **Installation requires moderate mechanical skills. A qualified mechanic is highly recommended.**
- **Do not attempt to install the heat shield kit while the engine is hot.**
- **For technical inquiries, please email us at tech@hpsperformance.com**

PLEASE READ CAREFULLY BEFORE INSTALLATION!

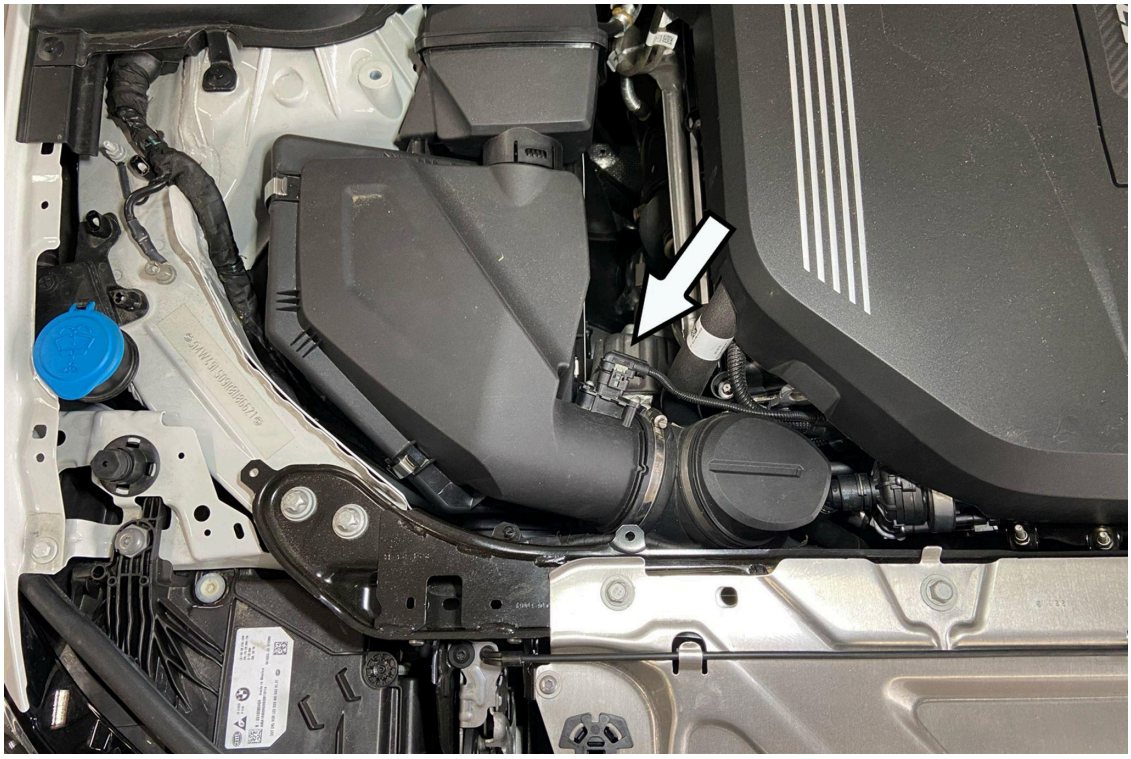
This installation is not for the novice customer. Install this product with EXTREME caution! Misuse of this product can destroy your engine! If you are not mechanically inclined, please have a professional automotive mechanic install this kit.

NOTE: HPS holds no responsibility for any engine damage that results from misuse of this product.

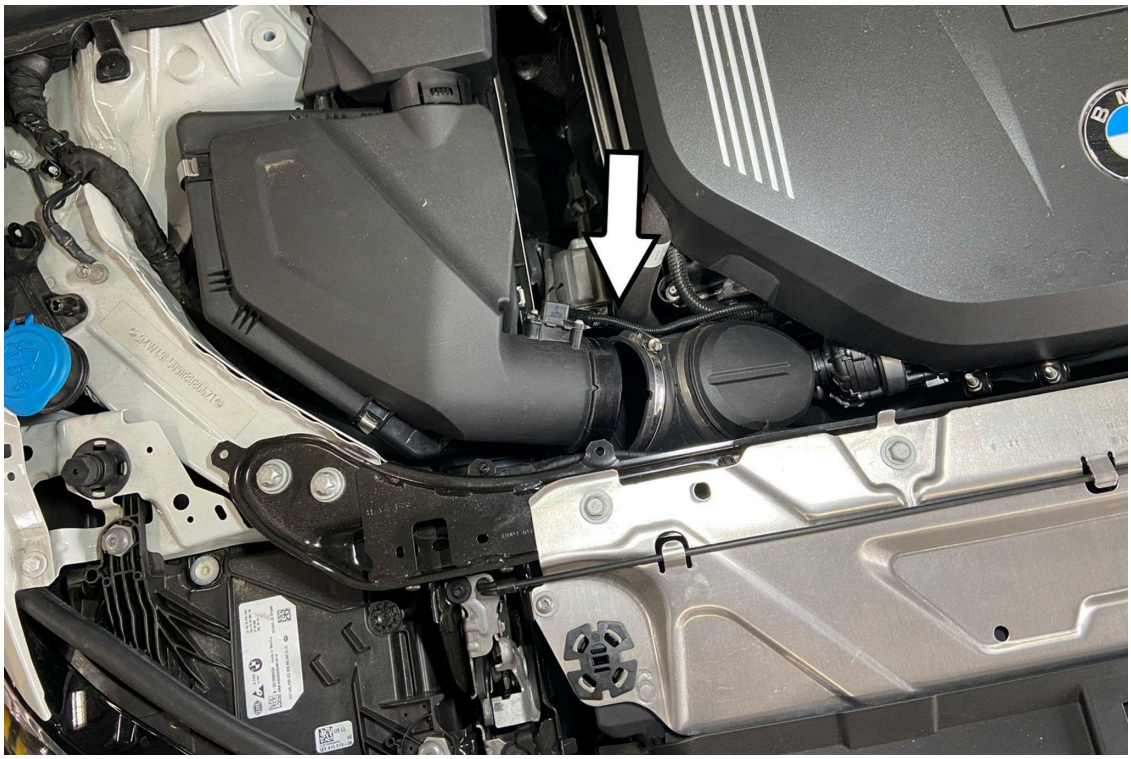
GETTING STARTED

1. If the engine has run within the past two hours, let it cool down.

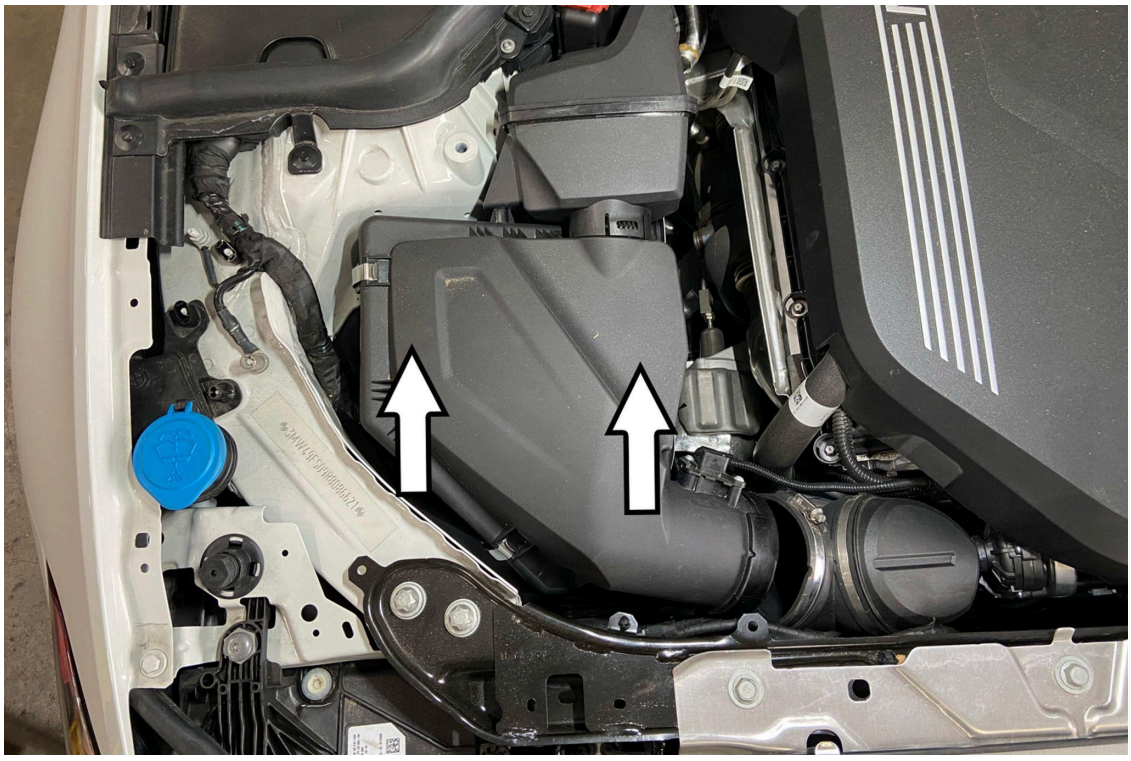
NOTE: We highly recommend NOT discarding any stock parts after the installation.



2. Disconnect the mass air flow sensor electrical connector.



3. Loosen the hose clamp to disconnect the intake hose from the air box assembly.



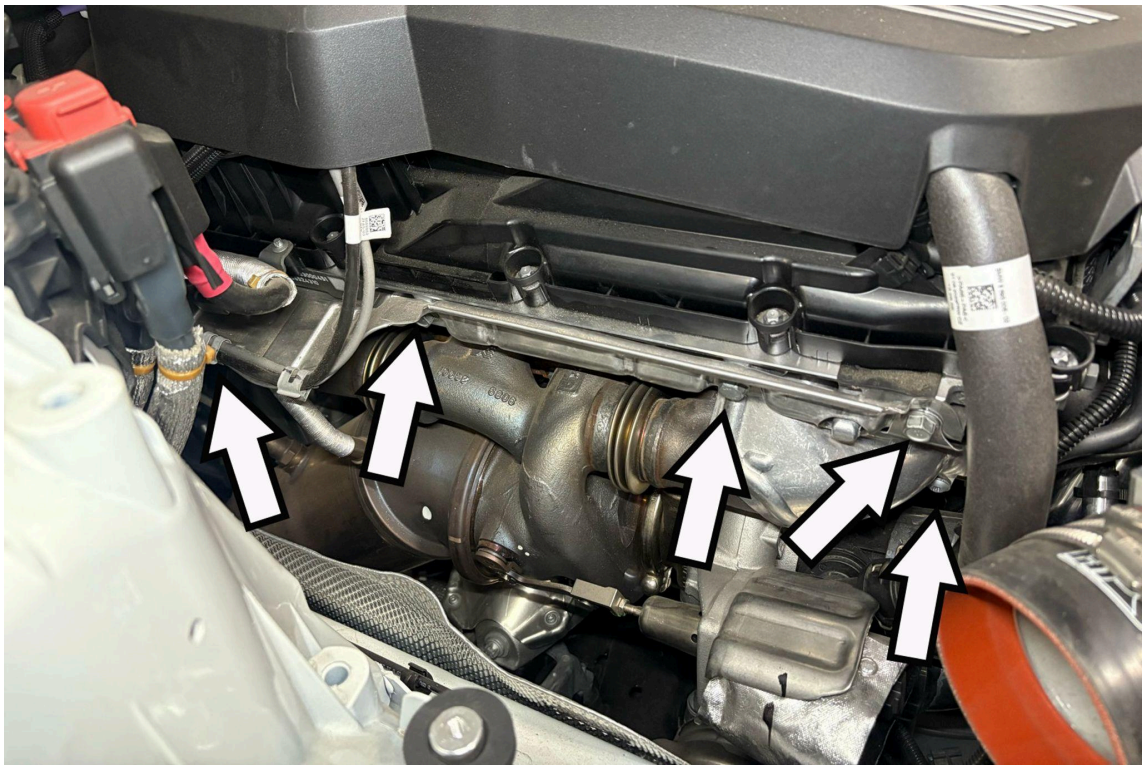
4. Lift the air box assembly from its grommets.



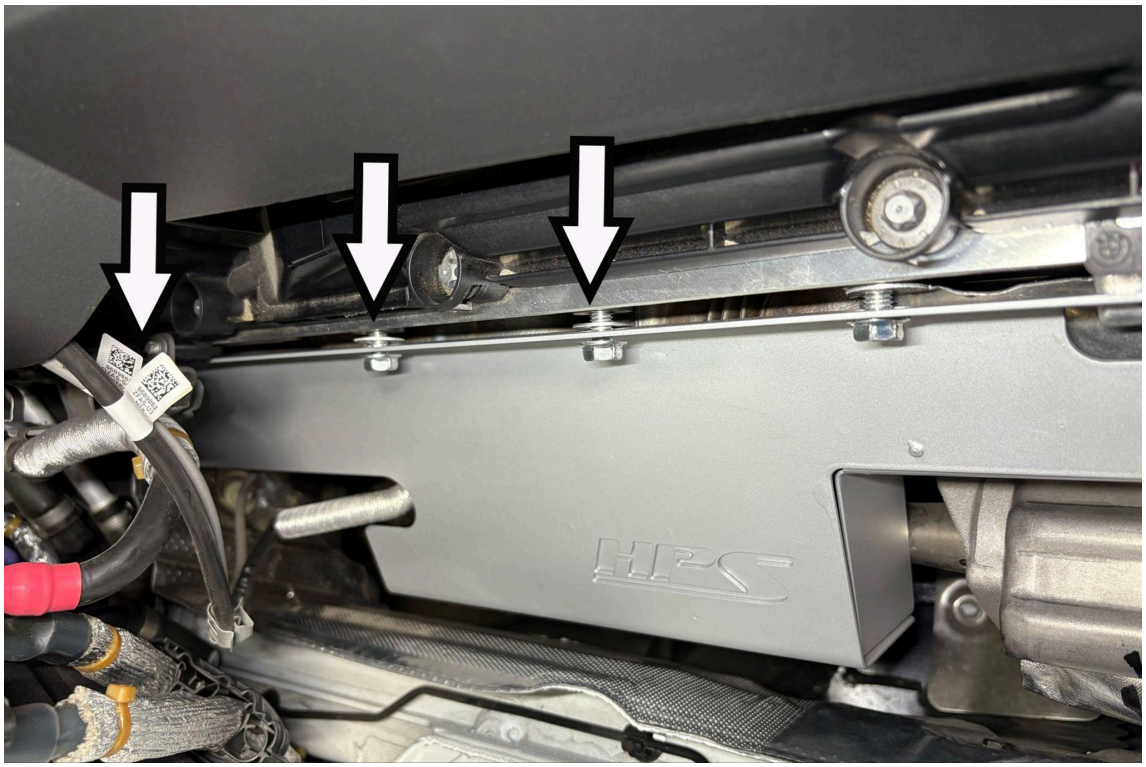
5. Remove the air box assembly from the vehicle.



6. Disconnect the retaining clips securing the O2 sensor harness to the factory heat shield.

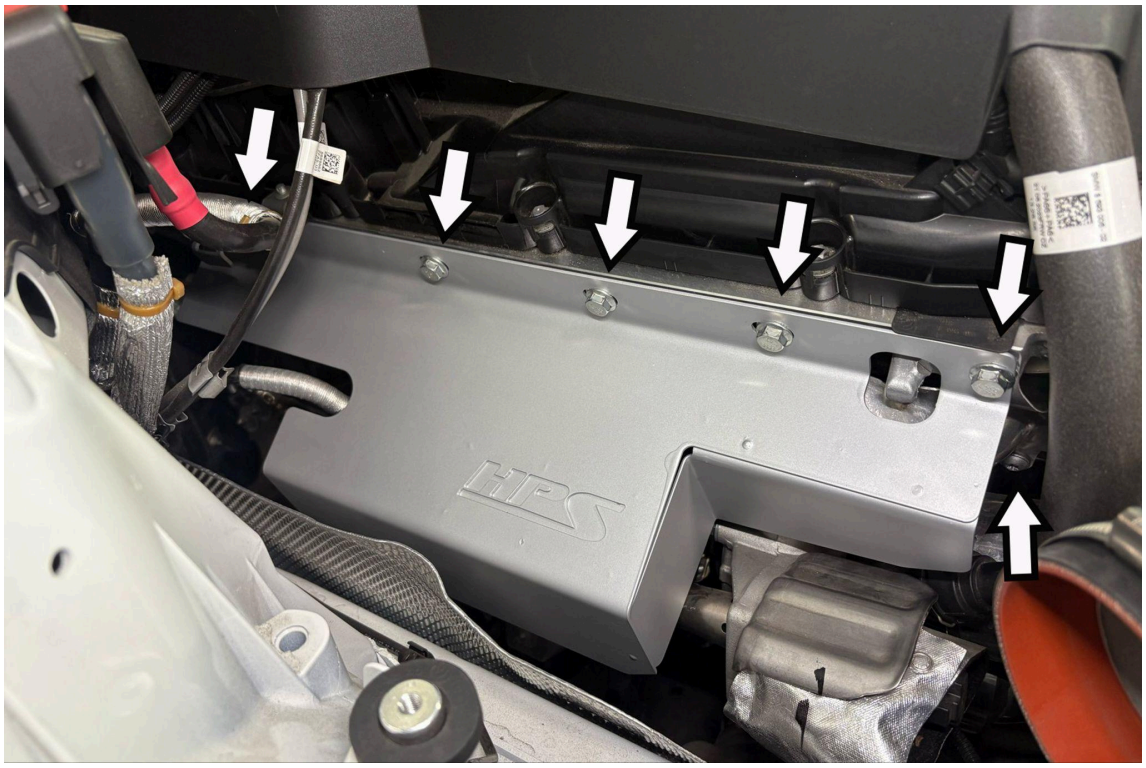


7. Remove the four bolts securing the top portion of the heat shield. Then, loosen the Torx bolt securing the lowering portion of the heat shield to remove the top portion from the vehicle.



8. Install the HPS heat shield using the provided M8 bolts. Install three of the provided washers between the heat shield and the engine as shown in the image above.

NOTE: It’s easiest to start by loosely installing the bolt located furthest in the back and working your way towards the front.



9. Once everything is properly positioned, tighten all of the bolts.

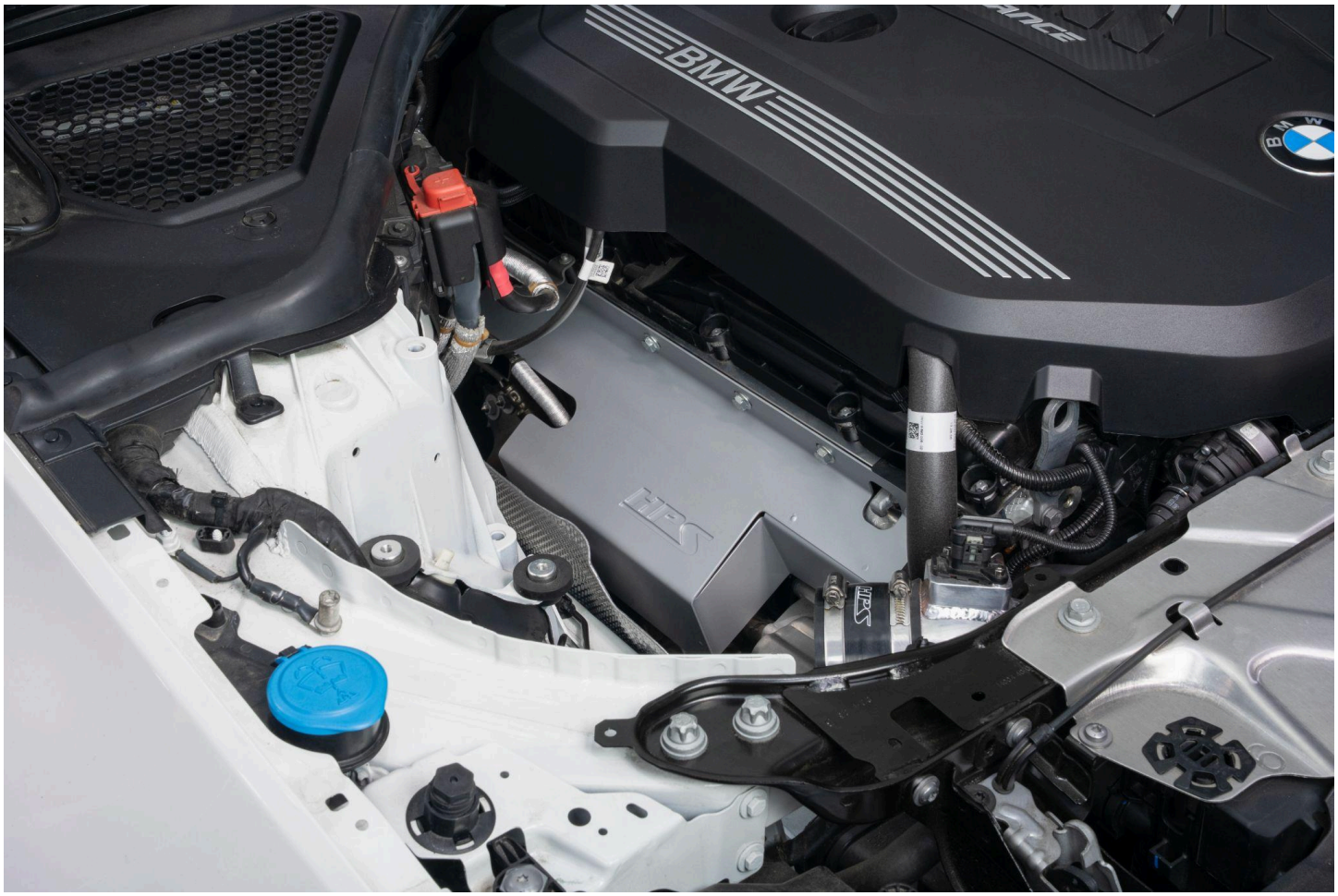


10. Reinstall the factory intake into the vehicle.

FINAL STEPS

Start the engine and let your car idle for three minutes. Perform a final inspection before driving your vehicle. Listen carefully for any odd noises or rattles prior to taking it for a test drive. If any problems arise, go back and check that all parts are properly installed and secured.

Periodically recheck the heat shield for proper clearance and that all the hardware is secure.



Also available for:
BMW 2022-2024 M240i 3.0L Turbo
BMW 2020-2024 M340i 3.0L Turbo
BMW 2021-2024 M440i 3.0L Turbo
BMW 2022-2024 M440i Gran Coupe 3.0L Turbo

	**HPS Performance Charge Pipe Kit** **Part Number 17-159**
	**HPS Performance Air Intake Kit** **Part Number 827-771**
	**HPS Performance Air Filter** **Cleaning and Recharge Kit** **Part Number HPS-AFRC**
	**HPS Performance Titanium** **Coolant Bleed Screw** **Part Number HW22-1001**

Contact an authorized HPS Performance dealer or visit us at hpsperformance.com for more details