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aFe Power 55-11001D

aFe POWER D.A.S. PLUS Induction System with Pro DRY S Filter (Model 55-11001D) User Manual

Model: 55-11001D | Brand: aFe Power

Introduction	Package Contents	Setup & Installation	Operating Principles	Maintenance
	Troubleshooting	Specifications	Warranty & Support	

1. INTRODUCTION

The aFe POWER D.A.S. PLUS Induction System with Pro DRY S Filter (Model 55-11001D) is designed as a direct upgrade to your vehicle's factory airbox. This system enhances performance by improving airflow and sound, utilizing a high-flow OE replacement air filter and a CAD-designed intake tube. It offers an easy installation process, delivering dyno-proven horsepower gains without requiring additional tuning.

Key benefits of this system include:

- Retains the factory air box, enhancing performance with minimal increase in sound.
- Increased airflow for dyno-proven power gains and improved throttle response.
- Includes a lifetime performance air filter and an air intake scoop.



Figure 1: The aFe POWER D.A.S. PLUS Induction System, fully assembled and ready for installation. This image shows the intake tube connected to the Pro DRY S filter element.

2. PACKAGE CONTENTS

Please inspect the package contents carefully to ensure all components are present and undamaged before beginning installation.

- aFe POWER D.A.S. PLUS Intake Tube
- aFe POWER Pro DRY S Air Filter
- Mounting Hardware (if applicable, specific to vehicle fitment)
- Installation Instructions (this manual)



Figure 2: All components of the aFe POWER D.A.S. PLUS Induction System laid out, including the intake tube and the Pro DRY S air filter.

3. SETUP & INSTALLATION

This section provides general guidelines for installing your aFe POWER D.A.S. PLUS Induction System. For detailed, vehicle-specific instructions, please refer to any supplementary guides provided with your kit or consult the

aFe Power website.

Safety Precautions:

- Ensure the vehicle's engine is cool before beginning installation.
- Disconnect the negative terminal of the vehicle's battery to prevent electrical issues.
- Wear appropriate safety gear, including gloves and eye protection.
- If unsure about any step, consult a qualified automotive technician.

General Installation Steps:

1. **Prepare Vehicle:** Park the vehicle on a level surface and engage the parking brake. Allow the engine to cool completely.
2. **Disconnect Battery:** Disconnect the negative battery terminal.
3. **Remove Factory Components:** Carefully remove the factory air intake tube and air filter from the airbox. This may involve loosening clamps and disconnecting sensors or hoses.
4. **Install aFe POWER Pro DRY S Filter:** Insert the new Pro DRY S filter into the factory airbox. Ensure it seats properly.
5. **Install aFe POWER Intake Tube:** Connect the aFe POWER intake tube to the factory airbox and the throttle body. Secure with provided clamps. Reconnect any sensors or hoses that were detached.
6. **Secure Components:** Ensure all connections are tight and secure. Double-check that no tools or loose parts are left in the engine bay.
7. **Reconnect Battery:** Reconnect the negative battery terminal.
8. **Start Engine:** Start the engine and check for proper operation and any unusual noises.



Figure 3: An overhead view of the aFe POWER D.A.S. PLUS Induction System, showing the intake tube and filter in a typical installed configuration within the engine bay.

4. OPERATING PRINCIPLES

The aFe POWER D.A.S. PLUS Induction System is designed to optimize engine performance by improving the efficiency of air intake. It achieves this through:

- **Enhanced Airflow:** The CAD-designed intake tube provides a smoother, less restrictive path for air to enter the engine compared to the factory setup.
- **Superior Filtration:** The Pro DRY S filter is a high-flow, oil-free synthetic media filter designed to capture contaminants effectively while allowing maximum airflow. This results in cleaner air reaching the engine and

improved combustion.

- **Optimized Sound:** While retaining the factory airbox, the system subtly enhances the induction sound, providing a more aggressive tone under acceleration without being overly intrusive.

These combined elements contribute to increased horsepower, torque, and improved throttle response, enhancing the overall driving experience.

5. MAINTENANCE

Regular maintenance of your aFe POWER Pro DRY S filter is crucial for maintaining optimal performance and extending the life of your induction system. The Pro DRY S filter is a "no oil" filter, simplifying the cleaning process.

Filter Cleaning Procedure:

1. **Remove Filter:** Carefully remove the Pro DRY S air filter from the airbox.
2. **Clean Filter:** Use a soft brush or compressed air (from the clean side out) to remove loose dirt and debris. For a deeper clean, use a specialized aFe POWER filter cleaner designed for dry filters. Follow the cleaner's instructions for application and rinsing.
3. **Dry Filter:** Allow the filter to air dry completely before reinstallation. **Do not use compressed air or heat to dry the filter**, as this can damage the filter media.
4. **Reinstall Filter:** Once completely dry, reinstall the Pro DRY S filter into the airbox, ensuring it is properly seated and sealed.

Recommended Cleaning Interval: Inspect your filter every 10,000-15,000 miles or more frequently in dusty environments. Clean as needed.



Figure 4: The aFe POWER D.A.S. PLUS Induction System components separated, illustrating the Pro DRY S filter and the intake tube, useful for understanding maintenance and cleaning access.

6. TROUBLESHOOTING

If you encounter any issues after installing your aFe POWER D.A.S. PLUS Induction System, refer to the common problems and solutions below.

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Reduced Engine Performance	Loose connections, dirty filter, sensor not reconnected.	Check all clamps and connections. Clean or replace the air filter. Ensure all sensors (e.g., MAF sensor) are properly reconnected.
Unusual Engine Noises	Air leak, loose components.	Inspect the entire intake system for air leaks. Ensure all components are securely fastened and not vibrating against other parts.
Check Engine Light (CEL)	Improper sensor installation, vacuum leak.	Verify all electrical connections to sensors are secure. Check for any vacuum lines that may have been disconnected or damaged during installation. Consult a diagnostic tool to read fault codes.

If the problem persists after attempting these solutions, please contact aFe Power customer support or a certified mechanic.

7. SPECIFICATIONS

Feature	Detail
Brand	aFe Power
Model	D.A.S. PLUS Induction System
Part Number	55-11001D
Filter Type	Pro DRY S (Oil-Free Synthetic)
Automotive Fit Type	Vehicle Specific Fit
Item Weight	5.74 pounds
Package Dimensions	20.5 x 12.5 x 12.25 inches
UPC	802959550472

8. WARRANTY & SUPPORT

Warranty Information:

aFe Power products are manufactured to the highest standards and are backed by a limited warranty against defects in materials and workmanship. The Pro DRY S filter included in this system is a lifetime performance air filter. For specific warranty terms and conditions, including duration and coverage details, please refer to the official aFe Power website or contact their customer service directly. Keep your proof of purchase for warranty claims.

Customer Support:

For technical assistance, installation questions, or warranty inquiries, please contact aFe Power customer support:

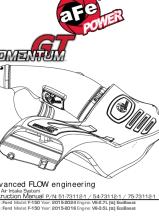
- Website:** www.afepower.com
- Phone:** Refer to the website for current contact numbers.
- Email:** Refer to the website for current email support options.

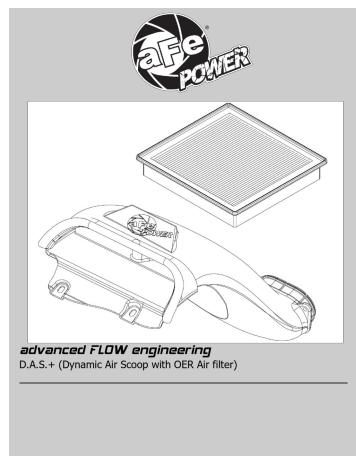
When contacting support, please have your product model number (55-11001D) and purchase information readily

available.

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Related Documents - 55-11001D

 <small>advanced FLOW engineering Instruction Manual P/N: 55-11001D aFe POWER Magnum FORCE Stage-2 Cold Air Intake System Model: 54-13078D / 54-13078R Year: 2018-2023 Engine: V6-3.6L (t) Cylinders: 6 Cylinders Displacement: 3.6L Torque: 285 lb-ft (38.2 Nm) Horsepower: 281 hp (208 kW) RPM: 4,000-6,000</small>	<p>aFe POWER Magnum FORCE Stage-2 Cold Air Intake System Installation Manual for Jeep Wrangler JL & Gladiator JT</p> <p>This manual provides detailed instructions for installing the aFe POWER Magnum FORCE Stage-2 Cold Air Intake System (P/N: 54-13078D / 54-13078R) on Jeep Wrangler JL (2018-2023) and Jeep Gladiator JT (2020-2023) models equipped with the V6-3.6L engine.</p>
 <small>advanced FLOW engineering Instruction Manual P/N: 56-70064D/56-70064R aFe POWER Takeda Momentum Cold Air Intake System Model: 56-70064D/56-70064R Year: 2022-2024 Engine: H4-2.4L (t) Cylinders: 4 Cylinders Displacement: 2.4L Torque: 175 lb-ft (23.1 Nm) Horsepower: 268 hp (199 kW) RPM: 4,000-6,000</small>	<p>Takeda Momentum Cold Air Intake System Installation Guide for 2022-2024 Subaru WRX</p> <p>Detailed installation instructions for the aFe POWER Takeda Momentum Cold Air Intake System (Part Numbers 56-70064D/56-70064R) for the 2022-2024 Subaru WRX with H4-2.4L (t) engine.</p>
 <small>advanced FLOW engineering Instruction Manual P/N: 55-11001D aFe POWER Magnum Force Stage 2 Air Intake Systems Model: 55-11001D Year: 2015-2024 Engine: M42/52 Cylinders: 6 Cylinders Displacement: 3.0L Torque: 258 lb-ft (34.6 Nm) Horsepower: 335 hp (248 kW) RPM: 4,000-6,000</small>	<p>aFe Power Magnum Force Stage 2 Air Intake Installation Instructions for BMW 135i, 335i, 535i, X6, Z4</p> <p>Comprehensive installation guide for aFe Power Magnum Force Stage 2 Air Intake Systems, covering BMW models like E82/E88 135i, E90/E92/E93 335i/xi, E60 535i/xi, E71 X6 35xi, and E89 Z4 35i/is.</p>
 <small>advanced FLOW engineering Instruction Manual P/N: 50-70072D/50-70072R aFe POWER Momentum GT Cold Air Intake System Model: 50-70072D/50-70072R Year: 2015-2024 Engine: V6-2.7L (tt) EcoBoost Cylinders: 6 Cylinders Displacement: 2.7L Torque: 350 lb-ft (47.1 Nm) Horsepower: 335 hp (248 kW) RPM: 4,000-6,000</small>	<p>aFe POWER Momentum GT Cold Air Intake System Installation Manual for Ford F-150</p> <p>Detailed installation instructions for the aFe POWER Momentum GT Cold Air Intake System, compatible with Ford F-150 models featuring V6-2.7L (tt) EcoBoost and V6-3.5L (tt) EcoBoost engines (2015-2024).</p>
 <small>advanced FLOW engineering Instruction Manual P/N: 50-70072D/50-70072R aFe POWER Momentum GT Cold Air Intake System Model: 50-70072D/50-70072R Year: 2021-2024 Engine: V6-3.5L (tt) Cylinders: 6 Cylinders Displacement: 3.5L Torque: 350 lb-ft (47.1 Nm) Horsepower: 335 hp (248 kW) RPM: 4,000-6,000</small>	<p>aFe POWER Momentum GT Cold Air Intake System Installation Guide for Ford F-150, Expedition, Lincoln Navigator</p> <p>Detailed installation instructions and component list for the aFe POWER Momentum GT Cold Air Intake System (P/N: 50-70072D/50-70072R) for Ford F-150, F-150 Raptor, Expedition, and Lincoln Navigator (2021-2024) with V6-3.5L(tt) engines.</p>
 <small>advanced FLOW engineering Instruction Manual P/N: 55-11001D aFe POWER BMW L6-3.0L Stage 2 Intake Kit Model: 55-11001D Year: 2021-2024 Engine: M54/55 Cylinders: 6 Cylinders Displacement: 3.0L Torque: 325 lb-ft (43.5 Nm) Horsepower: 335 hp (248 kW) RPM: 4,000-6,000</small>	<p>aFe POWER BMW L6-3.0L Stage 2 Intake Kit Installation Instructions</p> <p>Detailed installation guide for the aFe POWER Stage 2 performance intake kit for BMW E82/E88 135i, E90/E92/E93 335i, E60 535i, E71 X6 35xi, and E89 Z4 35i/is models with L6-3.0L engines.</p>



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