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LDGSUPH Compatible Filter Set for Chang'an CS75 (1.8T, 2.0)

LDGSUPH Compatible Filter Set for Chang'an CS75

Instruction Manual

Model: Compatible Filter Set for Chang'an CS75 (1.8T, 2.0)

Introduction

This instruction manual provides essential information for the proper installation, operation, and maintenance of your LDGSUPH Compatible Filter Set for Chang'an CS75. This set includes an engine air filter, an activated carbon A/C element, and an oil filter element, designed for 1.8T and 2.0 engine variants. Please read this manual thoroughly before proceeding with any installation or maintenance to ensure optimal performance and longevity of your vehicle's filtration systems.

Safety Information

Always prioritize safety when working on your vehicle. Failure to follow safety precautions can result in injury or damage to the vehicle.

- Ensure the vehicle is turned off and the engine is cool before beginning any work.
- Wear appropriate personal protective equipment (PPE), such as gloves and eye protection.
- Refer to your vehicle's official service manual for specific procedures and torque specifications.
- Dispose of old filters and fluids responsibly according to local regulations.
- If you are unsure about any step, consult a qualified mechanic.

Package Contents

Verify that all components are present and undamaged upon opening the package. The 4 PCS SET typically includes:

- 1 x Engine Air Filter
- 1 x Cabin Air Filter (Activated Carbon A/C Element)
- 1 x Oil Filter Element
- 1 x Fuel Filter (or similar 'Filter Grid' component)

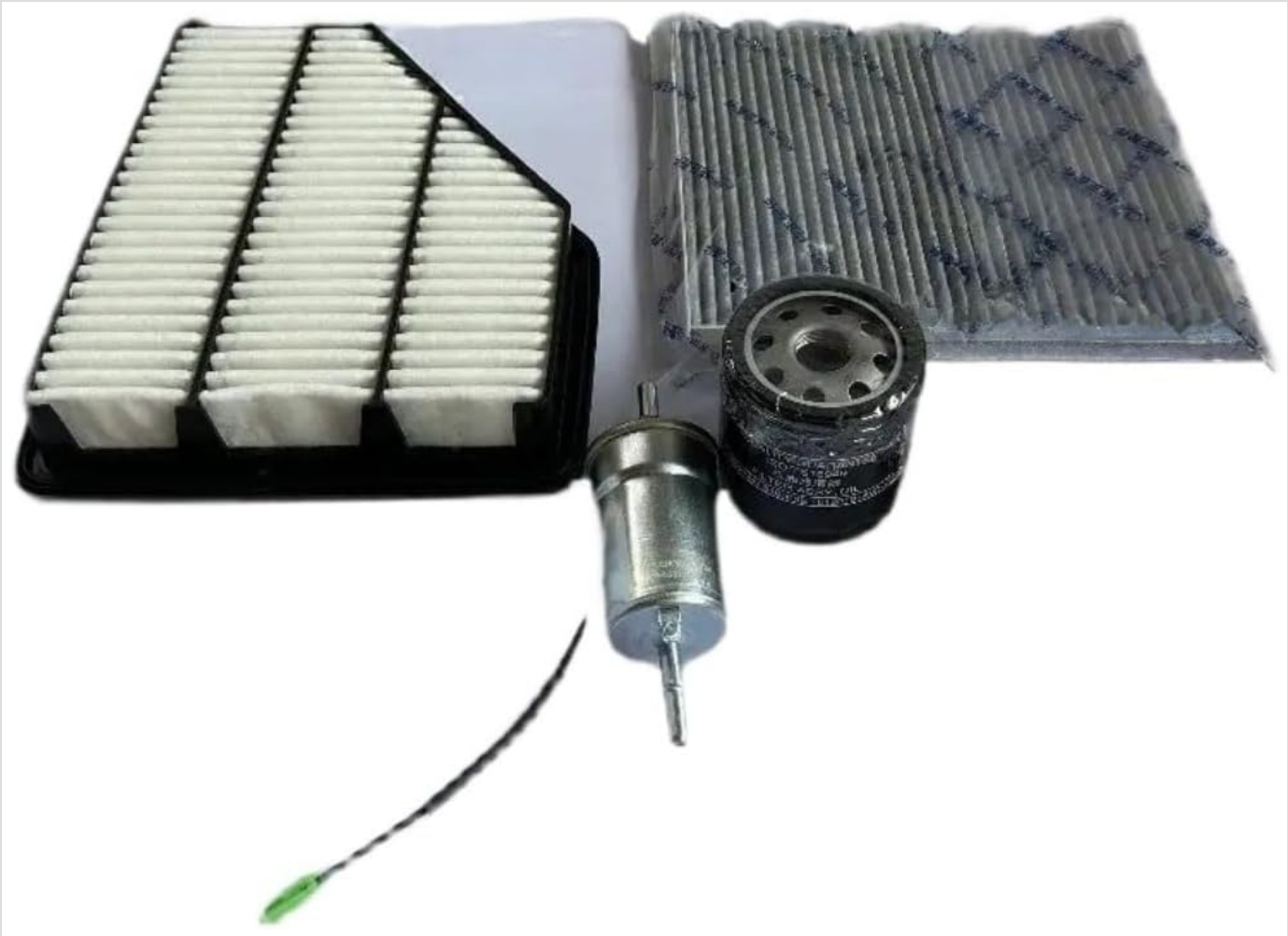


Image: The LDGSUPH Compatible Filter Set, typically including an engine air filter, cabin air filter, and oil filter. This image illustrates the components included in the package.

Installation

The installation process varies for each filter type. Always consult your vehicle's service manual for precise instructions and locations.

1. Engine Air Filter Installation

1. Locate the air filter housing, typically a black plastic box connected to the engine's intake.
2. Unclip or unscrew the housing cover.
3. Remove the old air filter. Note its orientation.
4. Clean any debris from the air filter housing.
5. Insert the new LDGSUPH engine air filter, ensuring it fits snugly and in the correct orientation.
6. Securely close the air filter housing cover.

2. Cabin Air Filter (A/C Element) Installation

1. The cabin air filter is usually located behind the glove compartment or under the dashboard.
2. Open or remove the glove compartment to access the filter housing.
3. Open the cabin filter housing cover.
4. Remove the old cabin air filter, noting the airflow direction arrow.
5. Insert the new LDGSUPH activated carbon A/C element, ensuring the airflow arrow points in the correct direction (usually towards the rear of the vehicle).

6. Close the filter housing cover and reassemble the glove compartment.

3. Oil Filter Element Installation

1. Park the vehicle on a level surface and engage the parking brake. Allow the engine to cool.
2. Place a drain pan under the oil drain plug.
3. Remove the oil drain plug and drain the old engine oil.
4. Locate the oil filter. It may be a spin-on canister or a cartridge type within a housing.
5. Use an appropriate oil filter wrench to remove the old filter. Be prepared for residual oil to drain.
6. Apply a thin film of new engine oil to the rubber gasket of the new LDGSUPH oil filter element (if spin-on type).
7. Install the new oil filter. For spin-on filters, hand-tighten until the gasket contacts the engine block, then tighten an additional 3/4 to 1 full turn. For cartridge filters, insert into the housing and tighten the cap to the manufacturer's specified torque.
8. Reinstall the oil drain plug with a new washer (if applicable) and tighten to specification.
9. Refill the engine with the correct type and amount of new engine oil.
10. Start the engine and check for leaks. Turn off the engine and recheck the oil level.

4. Fuel Filter Installation (if included in 4 PCS SET)

1. Locate the fuel filter, typically along the fuel line under the vehicle or within the fuel tank.
2. Relieve fuel system pressure according to your vehicle's service manual.
3. Disconnect the fuel lines from the old filter. Be prepared for fuel spillage.
4. Remove the old fuel filter.
5. Install the new LDGSUPH fuel filter, ensuring the flow direction arrow matches the fuel flow.
6. Reconnect the fuel lines and secure any clamps.
7. Start the engine and check for fuel leaks.

Operation

Once installed, the filters operate automatically as part of your vehicle's systems. No specific user operation is required beyond regular vehicle use.

- The engine air filter ensures clean air supply to the engine for efficient combustion.
- The cabin air filter purifies the air entering the vehicle's cabin, improving air quality for occupants.
- The oil filter removes contaminants from the engine oil, protecting engine components from wear.
- The fuel filter (if installed) protects the fuel injectors and engine from fuel contaminants.

Maintenance

Regular maintenance of your vehicle's filters is crucial for optimal performance, fuel efficiency, and longevity.

- **Engine Air Filter:** Inspect every 10,000-15,000 miles or annually, and replace every 30,000 miles or as recommended by your vehicle manufacturer. More frequent replacement may be necessary in dusty environments.
- **Cabin Air Filter:** Inspect annually or every 15,000 miles, and replace every 15,000-30,000 miles, or if you notice reduced airflow from the HVAC system or unusual odors.
- **Oil Filter:** Replace with every oil change, typically every 5,000-10,000 miles, depending on the oil type and vehicle manufacturer's recommendations.
- **Fuel Filter:** Replacement intervals vary significantly by vehicle, often between 30,000 to 100,000 miles. Consult your vehicle's service manual.

Note: The durable structure of these filters ensures lasting performance and reliability, but adherence to recommended replacement schedules is vital.

Troubleshooting

If you experience issues after filter replacement, consider the following common troubleshooting steps:

Symptom	Possible Cause	Solution
Reduced engine performance / Check Engine Light	Improperly installed engine air filter, clogged air filter.	Recheck air filter installation. Ensure housing is sealed. Replace if excessively dirty.
Weak A/C airflow / Musty odor	Clogged cabin air filter, incorrect installation.	Verify cabin filter orientation (airflow arrow). Replace if dirty.
Oil leak after oil filter change	Oil filter not tightened correctly, old gasket stuck, damaged gasket.	Ensure old gasket is removed. Lubricate new gasket. Tighten oil filter correctly.
Fuel leak after fuel filter change	Fuel lines not properly reconnected, clamps loose.	Check all fuel line connections and clamps for tightness.

If issues persist, it is recommended to seek professional assistance from a certified mechanic.

Specifications

- **Product Type:** Compatible Filter Set (Engine Air, Cabin Air, Oil, Fuel)
- **Compatibility:** Chang'an CS75 (1.8T, 2.0 engine variants)
- **Brand:** LDGSUPH
- **Engine Air Filter Material:** High-quality filter media for efficient filtration and low resistance.
- **Cabin Air Filter Material:** Activated Carbon for enhanced odor and particulate filtration.
- **Oil Filter Material:** Durable filtration media for effective contaminant removal.
- **Construction:** Flexible, heat-resistant, and durable materials to prevent deformation.
- **Part Numbers:** Refer to your vehicle's specific requirements for cross-referencing.

Warranty and Support

LDGSUPH products are manufactured to high standards. For specific warranty information, please refer to the product packaging or contact your retailer. In case of any questions or technical assistance, please reach out to the LDGSUPH customer support via the contact information provided at the point of purchase or on the official LDGSUPH website. For further assistance, you may also refer to theproduct page on Amazon.

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