

DAYUAN YT-1009-blu

DAYUAN 9-Piece Automotive Long Reach Hose Clamp Pliers Set Instruction Manual

1. OVERVIEW

This instruction manual provides guidance for the safe and effective use of the DAYUAN 9-Piece Automotive Long Reach Hose Clamp Pliers Set. This kit is designed for the removal and installation of various hose clamps found in automotive applications, specifically for fuel, oil, and water hoses. The tools facilitate access to clamps in confined or distant locations.



Figure 1: Complete 9-piece hose clamp pliers set in storage case.

2. PRODUCT COMPONENTS

The DAYUAN 9-Piece Automotive Long Reach Hose Clamp Pliers Set includes the following tools:

- 1 x Swivel Flat Band Hose Clamp Plier
- 1 x Cross Slotted Jaw Plier DMT
- 1 x Hose Removal Plier
- 1 x Collar Hose Clamp Plier
- 1 x Flat Band Hose Clamp Plier
- 1 x Angled Hose Clamp Plier
- 1 x Flexible Hose Clamp Plier (with 24-inch flexible cable)
- 1 x Hose Removal Hook
- 1 x Double Head Screwdriver

2.1 Swivel Flat Band Hose Clamp Plier & Cross Slotted Jaw Plier DMT

1 Swivel Flat Band Hose Clamp Plier



1 Cross Slotted Jaw Plier DMT

Figure 2: Swivel Flat Band Hose Clamp Plier (top) and Cross Slotted Jaw Plier DMT (bottom).

These pliers are designed for specific types of hose clamps, allowing for secure gripping and manipulation during removal and installation.

2.2 Hose Removal Plier & Collar Hose Clamp Plier



Figure 3: Hose Removal Plier (top) and Collar Hose Clamp Plier (bottom).

The Hose Removal Plier assists in separating hoses from fittings. The Collar Hose Clamp Plier is used for specific collar-style clamps.

2.3 Flat Band Hose Clamp Plier & Angled Hose Clamp Plier

1 Flat Band Hose Clamp Plier



1 Angled Hose Clamp Plier

Figure 4: Flat Band Hose Clamp Plier (top) and Angled Hose Clamp Plier (bottom).

These pliers provide options for engaging flat band clamps from various angles, improving access in tight spaces.

2.4 Flexible Hose Clamp Plier

Locking mechanism

1 Flexible Hose Clamp Plier

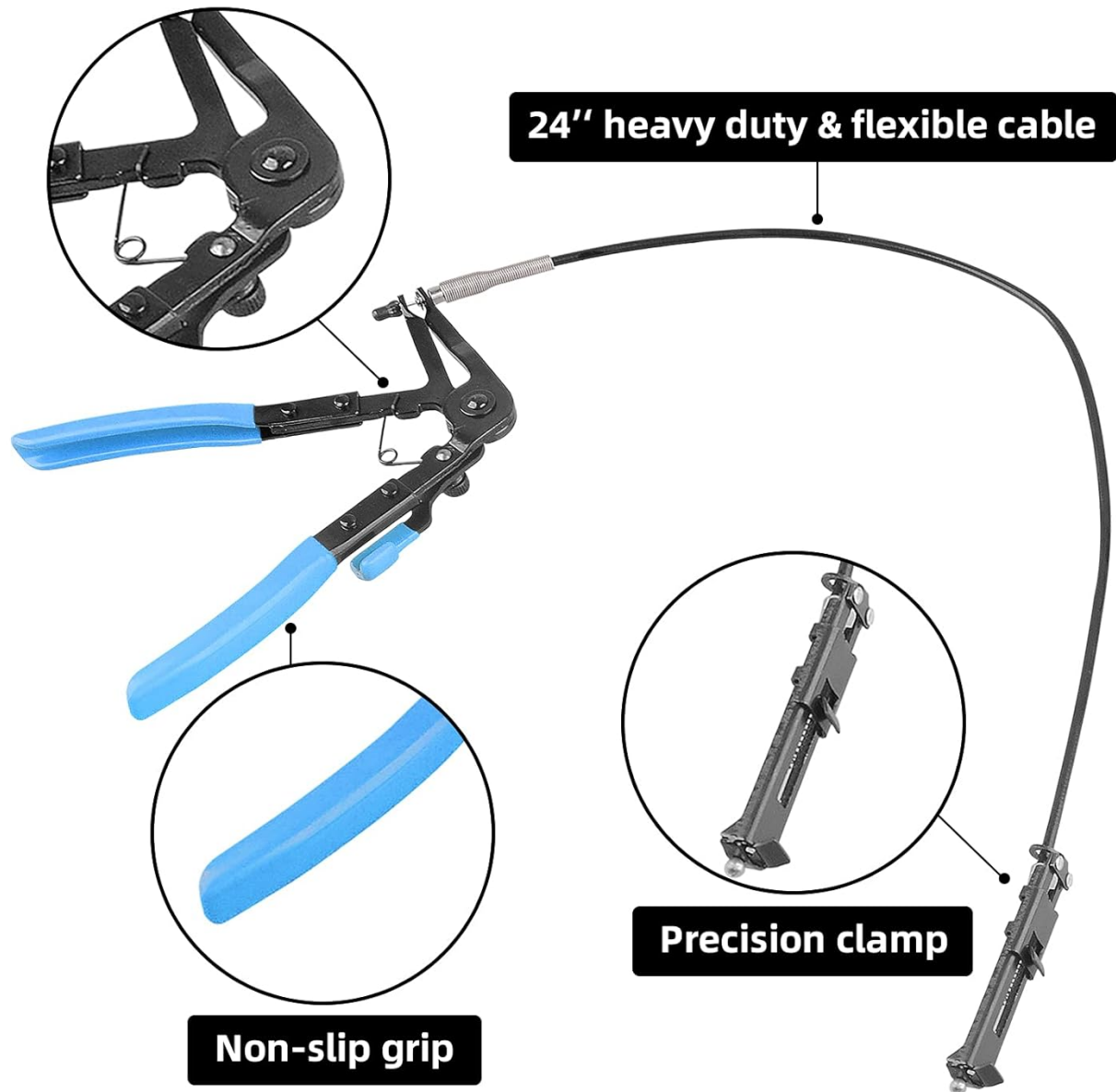


Figure 5: Flexible Hose Clamp Plier with detailed views of its features.

This plier features a 24-inch heavy-duty flexible cable, allowing access to hose clamps in hidden or difficult-to-reach areas. It includes a locking mechanism to hold clamps in an open position, facilitating hands-free operation. The handles are designed with a non-slip grip for secure handling.

2.5 Hose Removal Hook & Double Head Screwdriver



Figure 6: Hose Removal Hook (top) and Double Head Screwdriver (bottom).

The Hose Removal Hook assists in prying hoses from stubborn connections. The Double Head Screwdriver provides versatility for various fastening needs.

3. SETUP

Before beginning any work, ensure the work area is well-lit and clear of obstructions. Identify the type of hose clamp to be serviced and select the appropriate plier from the set. Always ensure the tool is clean and free from debris before use.

4. OPERATING INSTRUCTIONS

4.1 General Pliers Usage

1. **Identify Clamp Type:** Determine the specific type of hose clamp (e.g., flat band, collar, spring-loaded) to select the correct plier.
2. **Position Pliers:** Place the jaws of the selected plier around the hose clamp. For long-reach pliers, guide the flexible cable to position the clamp mechanism.
3. **Compress Clamp:** Squeeze the plier handles to compress the hose clamp, opening it sufficiently to move it along the hose or remove it.

4. **Utilize Locking Mechanism:** For pliers equipped with a locking mechanism, engage it once the clamp is compressed to hold it in the open position. This frees your hands for hose manipulation.
5. **Remove/Install Hose:** With the clamp open, carefully slide the hose off its fitting or position a new hose onto the fitting.
6. **Release Clamp:** Once the hose is in place, release the locking mechanism (if engaged) and allow the clamp to return to its closed position, securing the hose.

4.2 Using the Hose Removal Hook

The hose removal hook is designed to assist in separating hoses that are stuck to fittings. Insert the hook between the hose and the fitting, then gently pry to loosen the hose. Exercise caution to avoid damaging the hose or fitting.

5. MAINTENANCE

After each use, clean the tools to remove any oil, grease, or debris. Wipe them with a clean cloth. For optimal performance and longevity, apply a light coat of rust-preventative oil to metal components before storing. Store the tools in their original case in a dry environment to prevent corrosion and damage.

6. TROUBLESHOOTING

If a hose clamp is difficult to remove or install, ensure the correct plier type is being used. Verify that the plier jaws are properly seated on the clamp. For extremely stubborn hoses, ensure the clamp is fully open before attempting removal. If a tool appears damaged or is not functioning correctly, discontinue use and inspect for wear or breakage.

7. SPECIFICATIONS

Specification	Detail
Brand	DAYUAN
Model Number	YT-1009-blu
Material	Carbon Steel (Tools), Plastic/Metal (Handle)
Product Dimensions	18.5"L x 11.42"W (Case)
Color	Blue
Item Weight	6.32 pounds (2.87 Kilograms)
Specific Uses	Locking hose clamps
Grip Type	Ergonomic
UPC	793345498167
Manufacturer	Yinyuan Tools

8. SAFETY INFORMATION

Adherence to safety guidelines is crucial when using this tool set. Failure to do so may result in injury or

damage to property.

- Always wear appropriate personal protective equipment, including safety glasses and gloves, when using these tools.
- Refer to the vehicle manufacturer's instructions and service manual to establish the correct procedure and data for specific tasks.
- Exercise caution with small parts to prevent accidental ingestion, especially by children. Keep tools and components out of reach of children.
- Do not use damaged or modified tools.
- Ensure stable footing and proper balance when working.

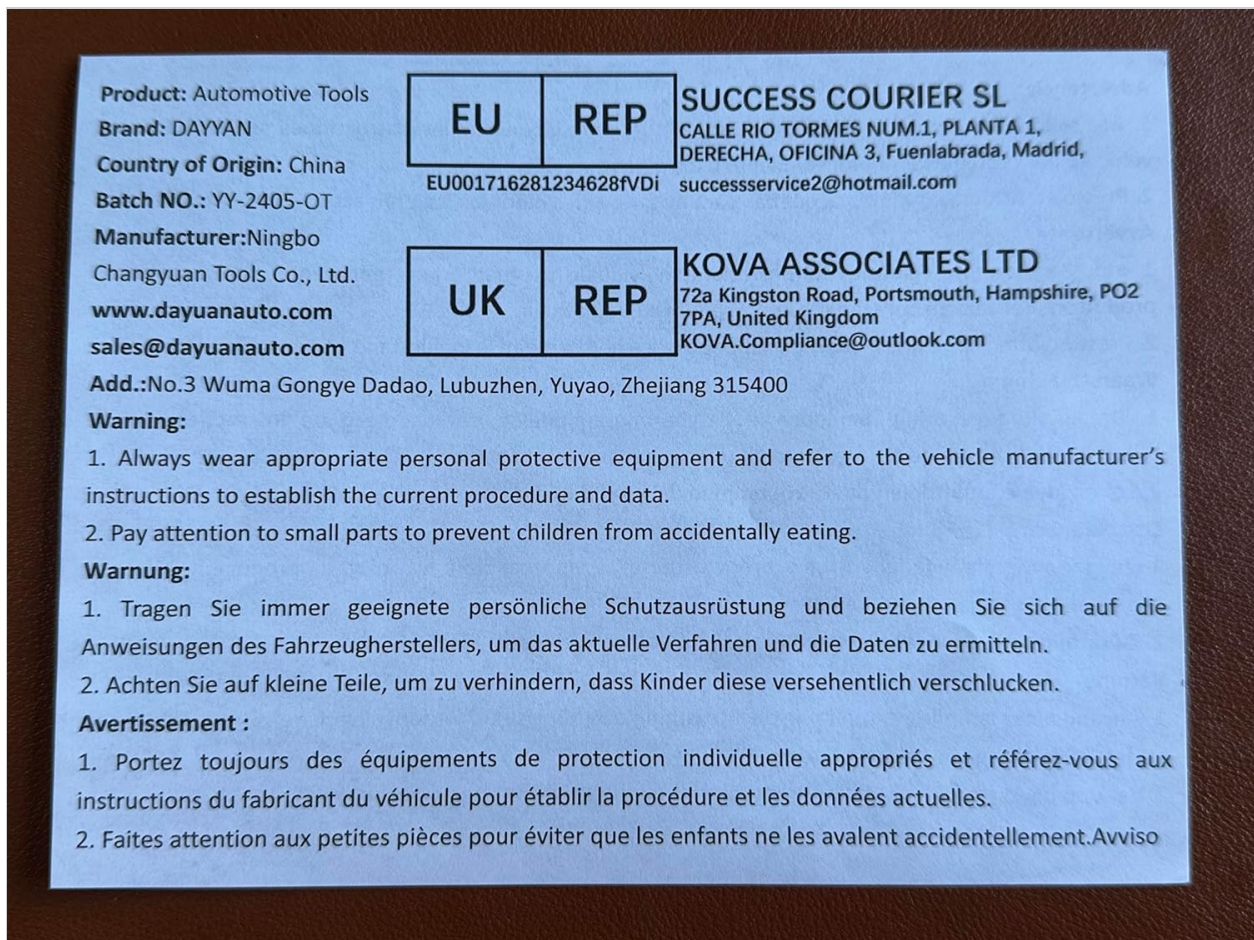


Figure 7: Safety warnings and manufacturer information.

9. WARRANTY AND SUPPORT

For product support, technical assistance, or warranty inquiries, please contact the manufacturer using the information below:

- **Manufacturer:** Yinyuan Tools
- **Email:** sales@dayuanauto.com
- **Website:** www.dayuanauto.com
- **Address:** No.3 Wuma Gongye Dadao, Lubuzhen, Yuyao, Zhejiang 315400, China

For EU and UK representation, please refer to the contact details provided on the product packaging or accompanying documentation.

