

*ALL FOR AUTO*



**ITEM NO:EE-HR410C**

**USER MANUAL**

**KEEP THE MANUAL NEAR THE MACHINE ALL TIME AND MAKE SURE ALL USERS HAVE READ THIS.**

**FOLLOW THE INSTRUCTIONS CAREFULLY TO GRANT THE MACHINE A CORRECT FUNCTION AND LONG SERVICE LIFE.**

## SAFETY INSTRUCTION

If you ignore the below information it may result in breakdown of hose reel and risk of human injury. So you must be careful.



Avoid breaking up

Equipped with spring to retract hose inside

Due to the spring it may lead in casualties or injuring accidents.

### 1、 The purpose of operation

Detergent hose reel is used to transfer detergent, offer air to kinds of tools.

Notice:

The products can't be used to transfer oil and kinds of chemical reagent

### 2. Operation instruction and noticing points

#### 1) Check before working



## 2) The stretching operation of hose

Drag the hose out to the required length and lock by ratchet wheel valve.

If ratchet wheel valve can't lock up please drag the hose to extra 6-40m. Then the ratchet wheel valve can lock the hose.

### Notice

When stretching the hose it is suitable for 1.5-4KG power. Don't draw hard by more than this power.

| Checking points                                    | Contents                                   | Checking methods |
|----------------------------------------------------|--------------------------------------------|------------------|
| Hose                                               | water leakage or not                       | listen           |
|                                                    | Transshaped, disrepaired, erosion or not   | look             |
|                                                    | Besmirch(water, oil, mud) or not           | wipe             |
|                                                    | Stretching and retractation, smooth or not | look             |
| Connector, The speediness connector of metal parts | Water leakage or not                       | listen           |
|                                                    | Transshaped, disrepaired, erosion or not   | look             |

## 3) Retraction Operation

After work overs, when retracting hose please pull it to 6-40cm slowly first. So the ratchet wheel valve is in condition of being out of locking. Then use hands to retract hose.

### Notice

Retract Suddenly a hose will lead to disorder. the hose

## 4) Closing Check

After work, wipe up the besmirch(oil, mud and so on) attached on the hose and metal parts.

### 3、Fault and solutions

| Fault                     | Reason                                             | Solutions                                        |
|---------------------------|----------------------------------------------------|--------------------------------------------------|
| Low detergent pressure    | Low air supply pressure                            | Adjust detergent pressure to appointed pressure  |
|                           | Sundries block                                     | Check the metal connector                        |
|                           | Bad quick connector                                | Change quick connector                           |
| Detergent leakage         | Hose destroys                                      | Change hose                                      |
|                           | O-ring abrades inside                              | Change O-ring                                    |
|                           | Bad quick connector                                | Change quick connector<br>Contact supplier       |
| Hose can't be dragged out | Ratchet wheel locked                               | Contact supplier                                 |
| Hose can't retract        | Spring destroys                                    | Contact supplier                                 |
|                           | Ratchet wheel locked due to excess stretching hose | Contact supplier                                 |
|                           | Hose disorder                                      | Drag the hose out use hands to retract slowly    |
| Hose can't be locked      | Ratchet destroys                                   | Contact supplier                                 |
|                           | Arrester rubber parts destroy                      | Change arrester rubber parts<br>Contact supplier |

## 4、Specification

|                                          |                                                                      |
|------------------------------------------|----------------------------------------------------------------------|
| Model                                    | 86410                                                                |
| Using liquid                             | detergent                                                            |
| Using hose                               | Artificial hose                                                      |
| Hose size<br>Inner * outer diameter (mm) | 6. 5*10                                                              |
| Hose length                              | 10                                                                   |
| Common pressure                          | Less than 14Mpa (14kgf/cm <sup>2</sup> )                             |
| Destructive pressure                     | Less than 5 . 9Mpa<br>(60kgf/cm <sup>2</sup> )                       |
| Temperature                              | -5℃-50℃                                                              |
| Standard accessories                     | Detergent hose reel is equipped with metal parts and connecting hose |

## 5、Installation and setting method

### 1) Method of taking apart the carton

1-1) Snip the packing belt. Open from the top of carton. Take out the winding device.

1-2) Take out the accessories bag

### 2) Necessary materials and tools list

|   |                                                                                     |                           |
|---|-------------------------------------------------------------------------------------|---------------------------|
| 1 |  | high altitude work lifter |
| 2 |  | spanner (16mm)            |

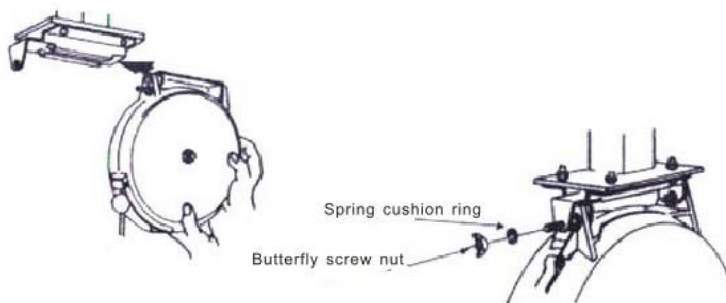
|   |                                                                                   |                 |
|---|-----------------------------------------------------------------------------------|-----------------|
| 3 |  | spanner (10mm)  |
| 4 |  | Crossing driver |

### 3)The sequence of installation and setting

3-1) Fix holder top by accessories two crossing round screw(M6\*8) before install hose reel.



3-2) Insert the hose reel into installed holder base as below. Install accessories spring cushion ring on the bolt terminal that reveals holder base. Then tighten with the butterfly screw nut.



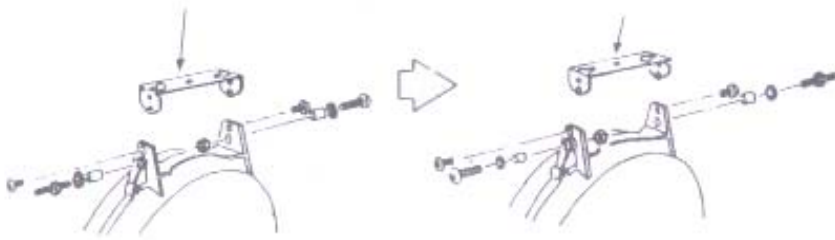
3-4) After fixing the hose reel please join the two terminal of connecting hose separately with “L” connector and braking valve of water pipe.

3-5) Open water braking valve. If water leakage please check hose and other connector places again.

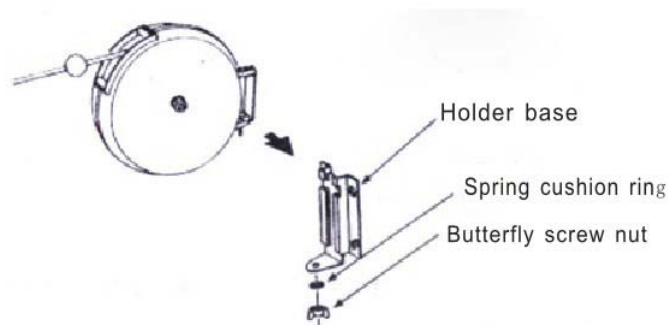
3-6) After installing hose reel twist the screw of placing ball. Move placing ball to adjust the expected revealing hose length of hose reel body.

Installation over.

3-7)Take out the winding device holder first.Turn 180 degree before installation.Or exchange the double-head bolt and corresponding M6 screw.



3-8)After installing holder base on the wall insert the winding device into holder base .Later please tighten with accessories spring cushion ring and butterfly screw nut.



#### **4)The safe countermeasures abided by operators when installing and setting**

4-1)When installing winding device in high altitude please wear motorcycle safety helmet and tie safety belt to avoid dropping.

4-2)When installing winding device please don't use stepladder.Use lift shaft in high altitude work to ensure safe work.

4-3)Avoid person standing under the installation scene in case of dangerous matter due to winding device and installed tools dropping.

#### **Notice**

If the winding direction of green stock belts is wrong.It not only can't play the role itself but also jam the device.

4-4)After winding device inserted into installed holder please tighten accessories spring cushion and butterfly screw nut.

If forgetting to fix winding device it may result in major accident in case of winding device dropping