KIT PART NUMBER 7212215
INSTRUCTIONS FOR INSTALLING A NEW REAR DELIVERY PAN DOOR ON A MODEL 721 ATV

CHECK THE PARTS RECEIVED IN THE KIT WITH THE PARTS LIST IN THESE INSTRUCTIONS. IF ANY PARTS ARE MISSING, CONTACT THE NATIONAL VENDORS PARTS DEPARTMENT IMMEDIATELY.

Read these instructions carefully before installing the kit.
Keep these instructions for part numbers and for future reference.

This kit contains the following :

PART NUMBER	DESCRIPTION	QUANTITY
7212151	WELD ASSEMBLY - REAR DOOR - 30”	1
--	IC ASSEMBLY	1

NOTE
“Left” and “right” refer to directions as you are facing the inside of the door.

1. Turn the machine power OFF.
2. Remove items 17, 18, and 26 as shown, along with their attaching hardware (see figure 1). Do not discard these parts.

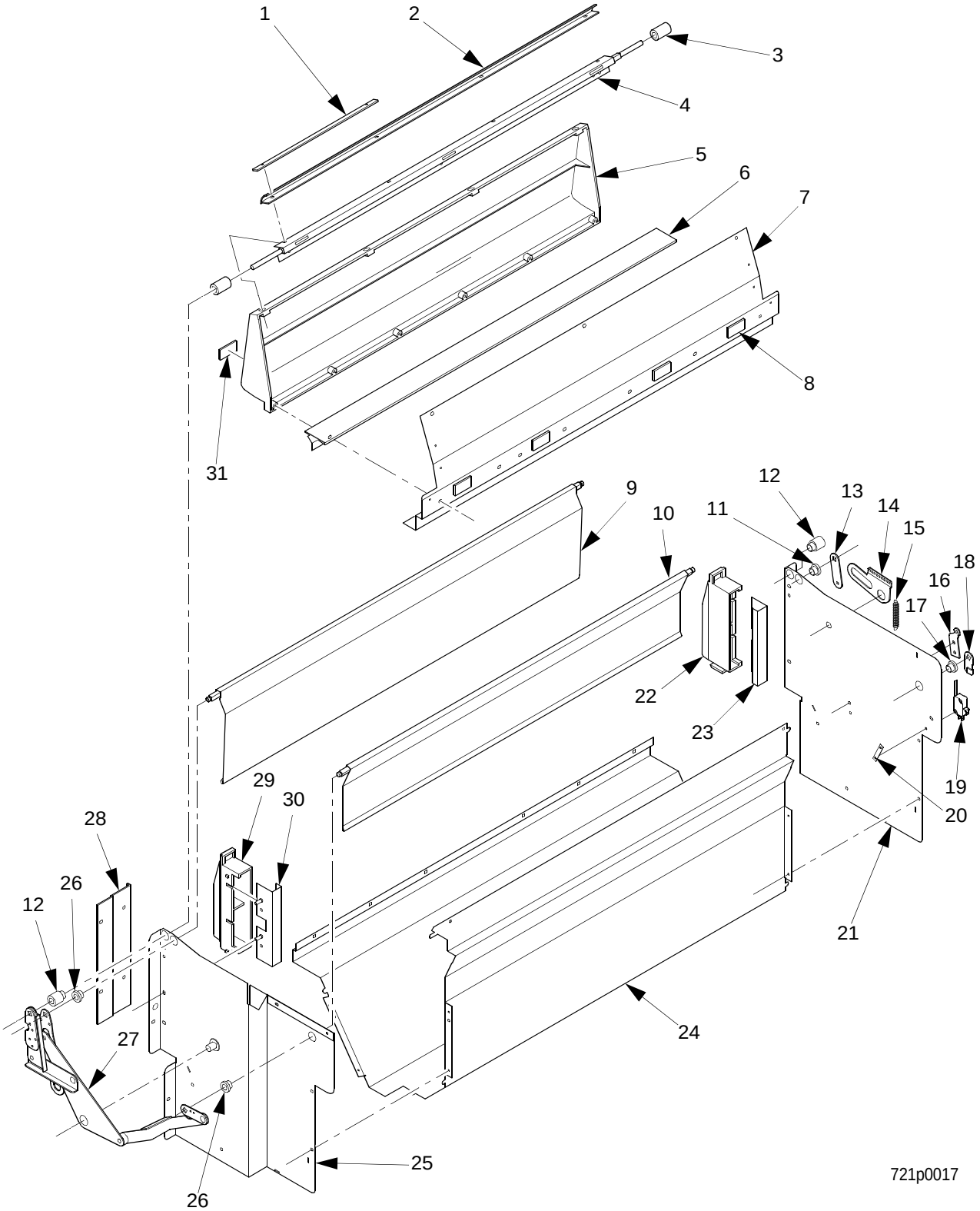

1
2
3
4
5
6
7
8
31
9
10
11
12
13
14
15
16
17
18
22
23
19
20
21
29
30
28
26
12
27
26
25
24
721p0017

Figure 1

1. Bend out the tab as shown on the left side of the delivery pan (see figure 2).

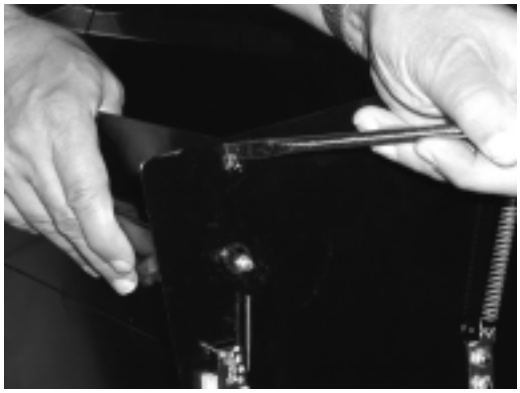


Figure 2

2. From the right side of the delivery pan, remove two sheet metal screws (see figure 3).

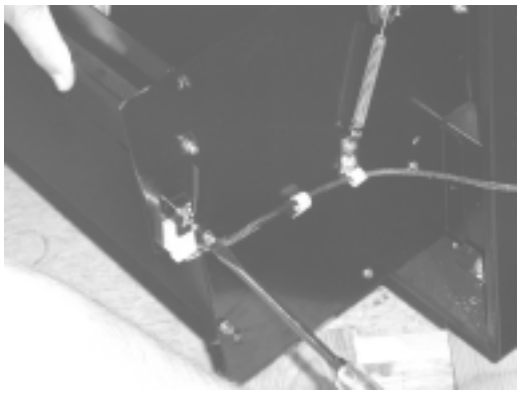


Figure 3

3. Push the right hand side panel out of the way and remove the rear delivery pan door (see figure 4).

4. Replace the new delivery pan door in the reverse order of disassembly.

CAUTION
Before performing the next step, be sure and read the section in these instructions on proper handling of electrostatic sensitive devices.

Figure 4

5. Remove the old EPROM from the controller board and replace it with the new EPROM. Make sure you are familiar with the proper procedure for doing this. See the following pages for the location of the EPROM as well as its proper removal and replacement.

CAUTION

PREVENTING CIRCUIT DAMAGE FROM ELECTROSTATIC DISCHARGE

Electronic printed circuit board assemblies are susceptible to physical damage, for example, broken components due to rough handling. In addition, printed circuit board assemblies (and their components, such as EPROMs) are subject to damage by various types of static electricity. Damage of this type is called **ELECTROSTATIC DISCHARGE (ESD)**. ESD can cause immediate damage to components on a circuit board assembly, or it can weaken them to the point where the damage will show up days, weeks, or months later.

PRECAUTIONS TO TAKE WHEN HANDLING PCB ASSEMBLIES

1. The PCB assembly is usually shipped in a cardboard shipping carton to prevent physical damage. Inside the carton, the PCB was placed in 1 of 3 types of closed protective bags: black translucent, smoked gray transparent, or pink transparent.

2. For storage, the best protection for the assembly is to leave it in its shipping carton. If it is removed from the carton, leave the assembly in its ***CLOSED storage bag while transporting, or until it is ready to be installed in a machine.***

3. Before handling the PCB assembly, be sure you are wearing a conductive wrist strap or other suitable ESD protective device. The conductive wrist strap should be connected to ground in the machine. This can be any ***PLATED exposed metal part. DO NOT CONNECT YOUR WRIST STRAP TO A PAINTED PART.***

4. Remove the new PCB assembly from its bag. Set the PCB assembly on top of the bag on a flat surface while you remove the old PCB assembly from the machine.

5. Pick up the new PCB assembly and set the old one down on the protective bag. Install the new PCB assembly in the machine.

6. Insert the old PCB assembly into the protective bag. Seal the bag.

7. If the old PCB assembly is to be returned to National Vendors, it is best to ship it in the same shipping carton you received with the new PCB assembly.

CAUTION

Do not remove the new EPROM from its shipping carton until you are ready to use it.

CAUTION

Observe electrostatic discharge precautions to protect the electronics from damage while they are being handled. Wear a grounded wrist strap connected to any unpainted

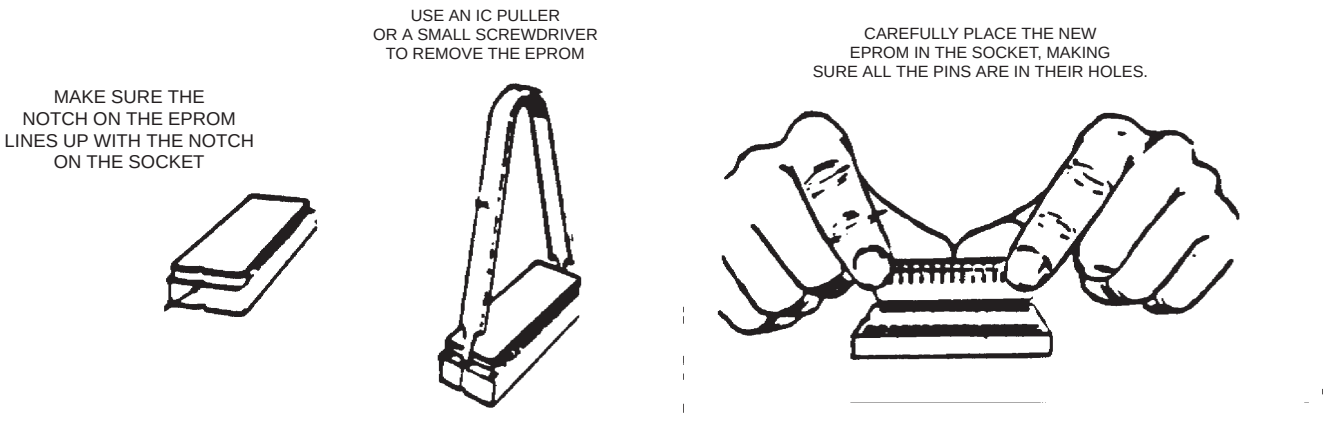
metal part of the machine. If a wrist strap is not available, remove any electrostatic charge (static electricity) from yourself by touching any unpainted metal part of the machine before handling any electronic component. Do this often during the removal and installation process.

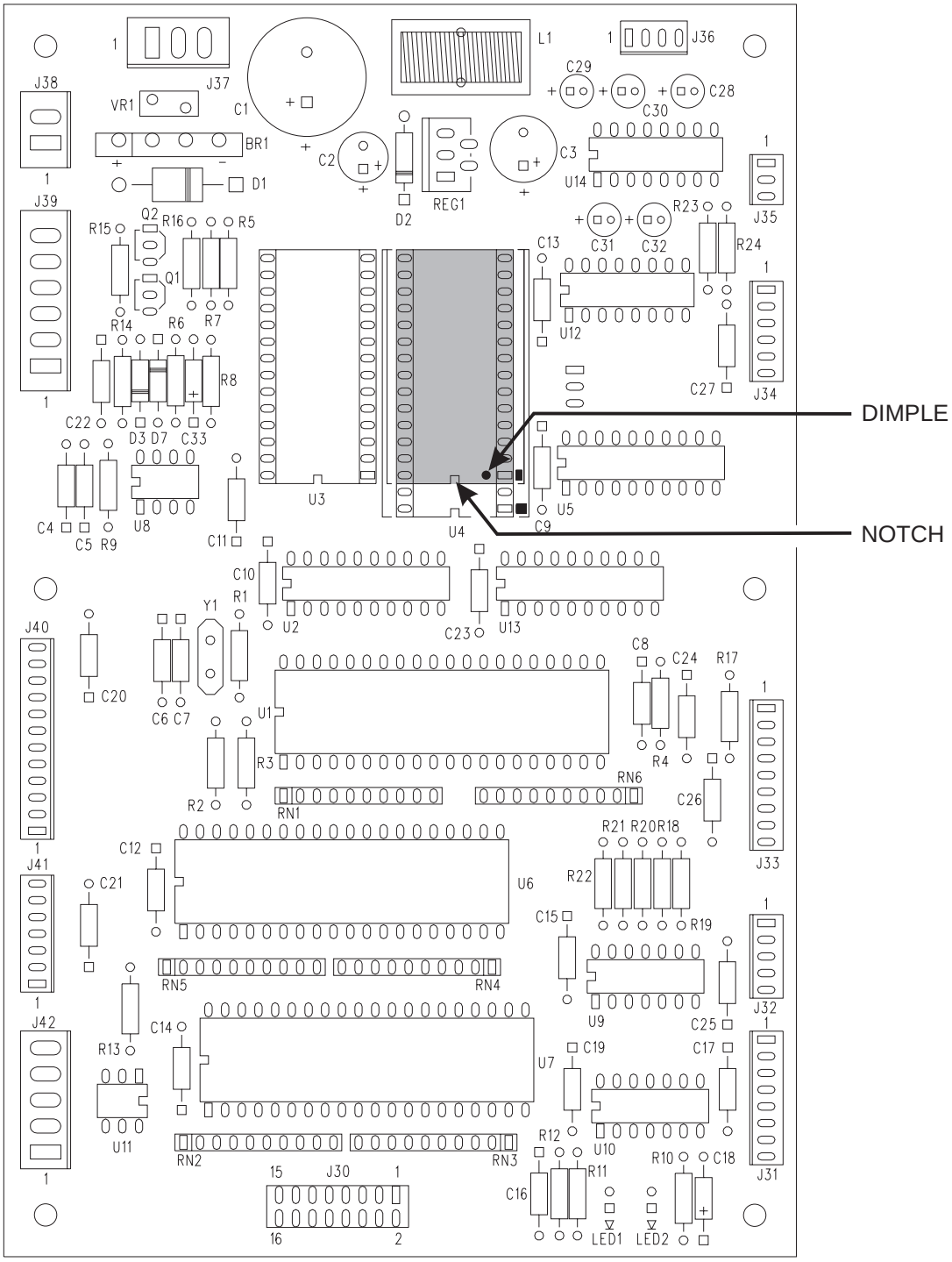
1. On the figure, see the shaded area representing EPROM U4. These devices have various means of showing how they are to be oriented on the circuit board. Some EPROMs will have a small notch which matches the notch printed on the controller board. Other EPROMs may have a small dimple as shown, others may have a painted stripe. Take note of where the locating mark is on the EPROM currently mounted on the controller board. Your new EPROM will be placed in that same orientation. Some EPROMs have 28 pins, so it does not use the entire socket. The shaded area on the figure is where the new EPROM will go, leaving the four holes at the bottom of the socket empty.

2. Carefully remove the old EPROM from the controller board. Use an EPROM removal tool or a thin tool such as a small screwdriver or knife blade to gently rock the EPROM from its socket.

3. Carefully insert the new EPROM in the controller board. MAKE SURE THE LOCATING MARK (NOTCH, DIMPLE, STRIPE) ON THE EPROM IS FACING THE SAME WAY AS ON THE OLD EPROM! Make sure each of the pins is in its respective hole in the socket before pushing the EPROM into place.

4. Carefully seat the EPROM into place using uniform pressure all around.





Controller Card Showing the Location of EPROM U4