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## **MD Cable Idler Pulley Replacement**



# Manual Transaction Drawer™

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**TOOLS NEEDED**

**1/8 ALLEN WRENCH.**

**1/2 WRENCH.**

**1/4 NUT DRIVER.**

**NEEDLE NOSE PLIERS.**

**WIRE BRUSH.**

**QUICK NOTE:**

**This kit replaces the idler pulleys in the MD, with the lever cable wheel. With the use of the spacer provided in this kit creating the offset needed for the drawer to operate.**

## Service Information

### Customer Door Removal

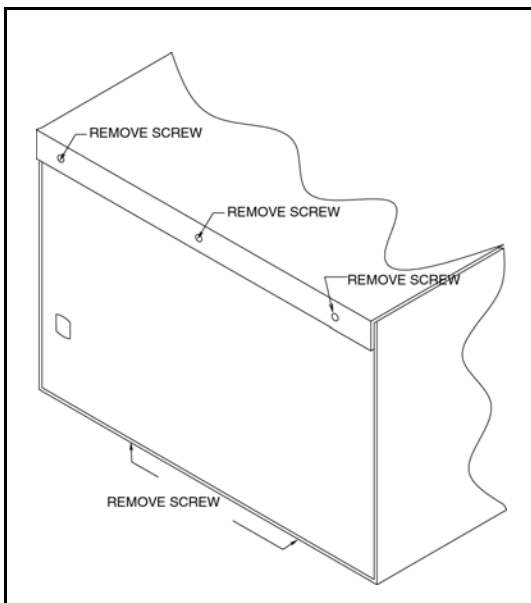
To make Service of the *Manual Transaction Drawer*<sup>TM</sup> easier from the inside, it is possible to remove the customer door. Run the drawer out until the teller door is closed and the customer door pivot posts are exposed. Carefully remove the "E" clips and washers from each side. Take the arms off the pivot posts by gently spreading the customer door actuator arms outward until they clear the pivot posts. Remove the customer door. Reverse the steps to reinstall the customer door. **Note that there should be one washer inside and one washer outside of each arm before reinstalling the "E" clips.**

The Customer Door Seal works best if the *Manual Transaction Drawer*<sup>TM</sup> is installed so that the gasket on the customer door contacts the drawer's outer shell first, before contacting the supporting wall or audio panel.

### Servicing the Inside of the Drawer

Access to the inside of the drawer is through the back (Figure 1). There are three screws on the face and two on the bottom that hold the back panel in place. After removing the screws, tilt the bottom of the back panel out, and then drop it down to clear the lip of the top panel. Reverse this procedure to reinstall the back panel.

**Figure 1**



### Drawer Removal

To remove the drawer it is necessary to disconnect the drawer to cable bracket from the right side of the drawer. There are (2) #8-32 machine screws that have to be removed. After the screws are removed, remove (4) #6-32 nuts that connect the teller door actuator to the drawer bin. Move the drawer out until the actuator can be disconnected from the drawer bin. The drawer can be slid out from the outside.

Reinstalling the drawer is as simple as sliding the drawer back into position and reversing the above procedure

## Idler Pulley Removal

Locate Idler pulleys in MD shell. (# 32 on diagram) located to the front bottom, and back bottom of the MD shell.

### Spring Cable Idler Pulley

Remove the 10-24 shoulder bolts (#28) from the MD spring cable assembly (#30), and then the front Idler pulley. **(Take note of the cable routing before removal and then let the spring cable assembly lay inside shell)**

Take one of the new shoulder bolts in the kit and grease the shoulder and inside of the pulley bore with the Blue/Green Grease provided. Slip one of the new pulleys over the shoulder, and then use one of the 1/4x1/2 spacers between the pulley and the standoff in the MD shell. **(See figure 2)** Apply blue Loctite to the threads inside of the standoff and secure.

**NOTE: MAKE SURE, WHEN YOU ARE SECURING THE PULLEY ONTO THE STANDOFF, THE SPACER DOES NOT GET WEDGED BETWEEN THE SHOULDER AND THE STANDOFF.**

With that complete, run the spring cable back through the proper pulleys up to the standoff (#34) located to the front upper part of the MD shell. Apply Blue/Green Grease and secure the spring assembly with the new shoulder bolt supplied using Blue Loctite.

### Stationary Cable Idler Pulley

Remove the pulley axles (#27) from the MD Stationary cable assembly (#31) located at the upper and lower rear of the MD shell.

**(Take note of the cable routing before removal)**

**(Let Stationary cable assembly lay inside shell)**

**(Clean 10-24 studs with wire brush to remove dried Loctite)**

Take one of the new Pulley Axles in the kit and grease the axle and the inside of the pulley bore with the Blue/Green Grease provided. Slip one of the new pulleys over the axle, then use the 1/4x1/2 spacer between the pulley and the MD shell.

**(See figure 3)** Secure over 10-24 stud with Blue Loctite.

With that complete, run the Stationary cable back through the proper pulleys up to the 10-24 stud located to the rear upper part of the MD shell. Apply Blue/Green Grease and secure eyelet of cable over axle. Apply Blue Loctite. Tighten axle down over 10-24 stud. **Note: DO NOT OVER TIGHTEN!**

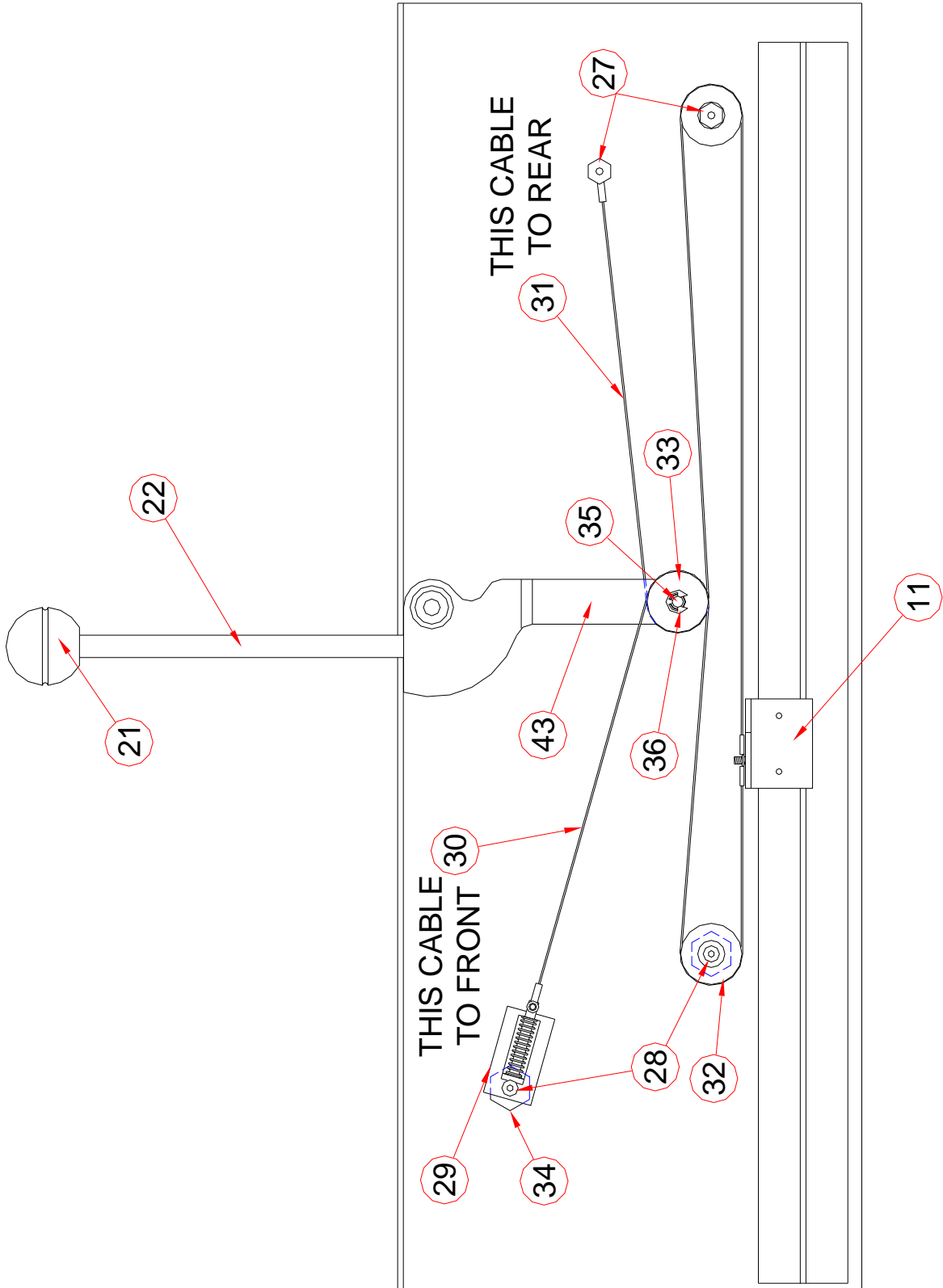
**REASSEMBLE DRAWER IN THE REVERSE ORDER,  
IT WAS TAKEN APART.**

**PARTS**

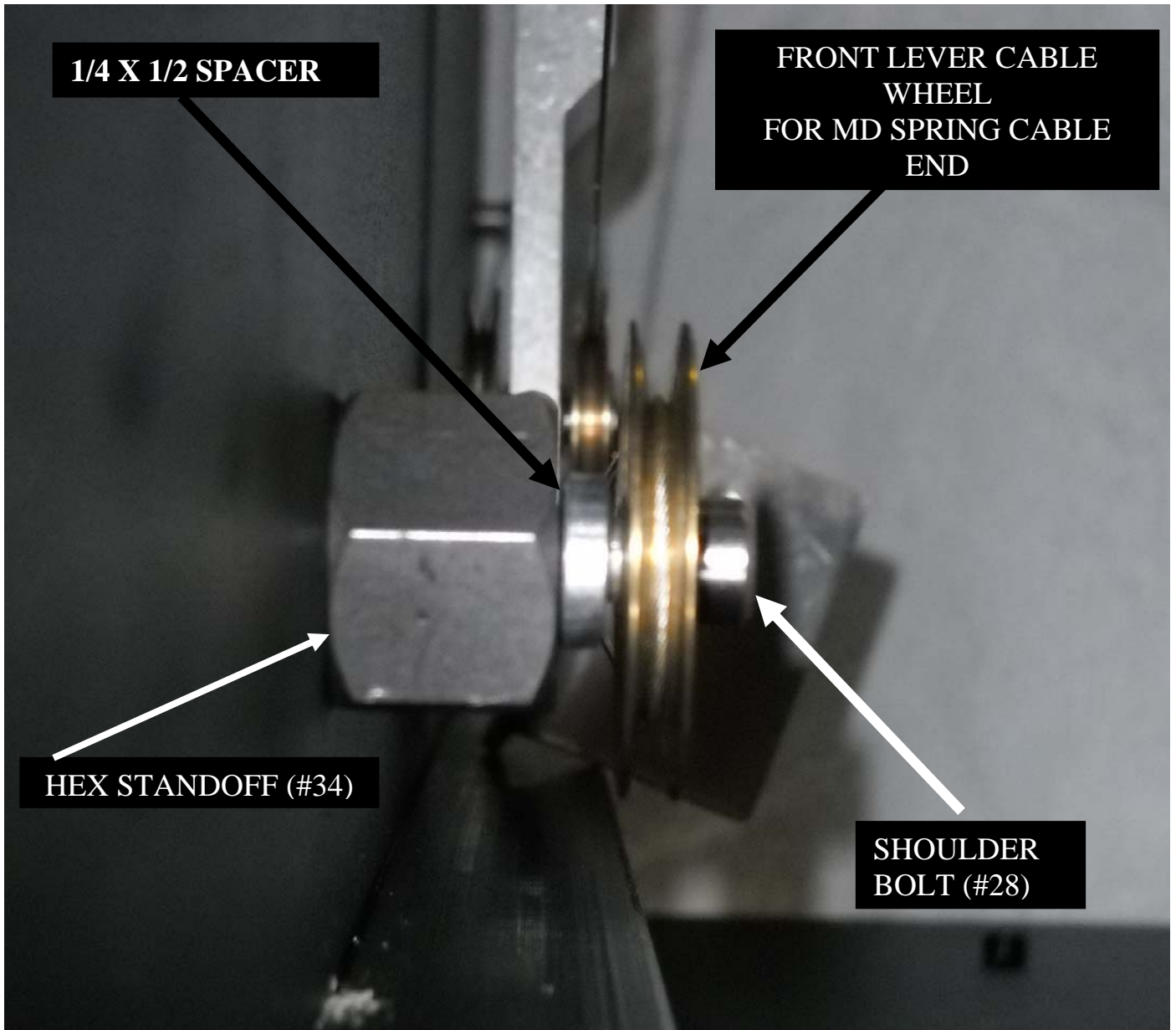
<u>ITEM #</u>	<u>PART #</u>	<u>DESCRIPTION</u>	<u>QTY</u>
1	13012011	PULLEY AXLES	2
2	95069233	1/4" X 3/8" SOCKET SHOULDER BOLT S.S.	2
3	04070015	MD LEVER CABLE WHEEL	2
4	95026004	1/4 x 1/2 SPACER	2
5	04191011	BLUE/GREEN GREASE	1



# Cable and Pulley Diagram



**FIGURE 2**



**FIGURE 3**

