

DRIVE BELT TENSION AND ALIGNMENT

Proper drive belt tension is important for prolonging the life of the drive belt and maintaining the superior performance of the operator. To check the drive belt tension, take the following steps:

1. Remove the SlideSmart cover and protection plate.
2. Turn off the AC and DC power switch.
3. Check to make sure the pulley is aligned horizontally.
4. With your finger, apply light outward pressure to the drive belt. If it is properly tensioned, it should only move about 1/16 to 1/8-inch (1.6 to 3.2cm). See Figure 81 and Figure 82.
5. To replace or re-tension the drive belt. Loosen the four motor bracket nuts and move the motor accordingly.
6. Retighten the motor bracket nuts.
7. Replace the protection plate and SlideSmart cover.
8. Turn the AC and DC power switches ON. This cycles power which allows the operator to search for the target magnet and "relearn" its limits.
9. If you don't cycle the power, the operator will not "relearn" its limits to operate properly.

NOTICE

Be aware that the gate will cycle open and close (close or open) as it relearns its limits. See Resetting the OPEN and CLOSE Limits.

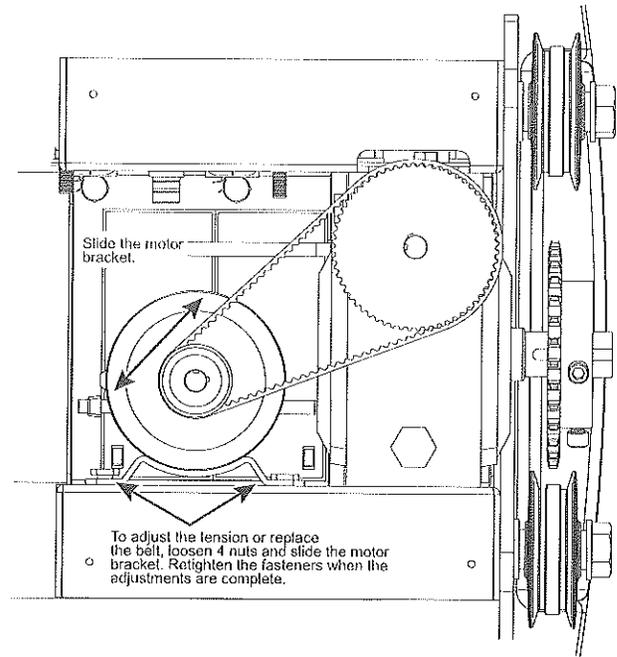


Figure 81. Drive Belt Tension and Alignment

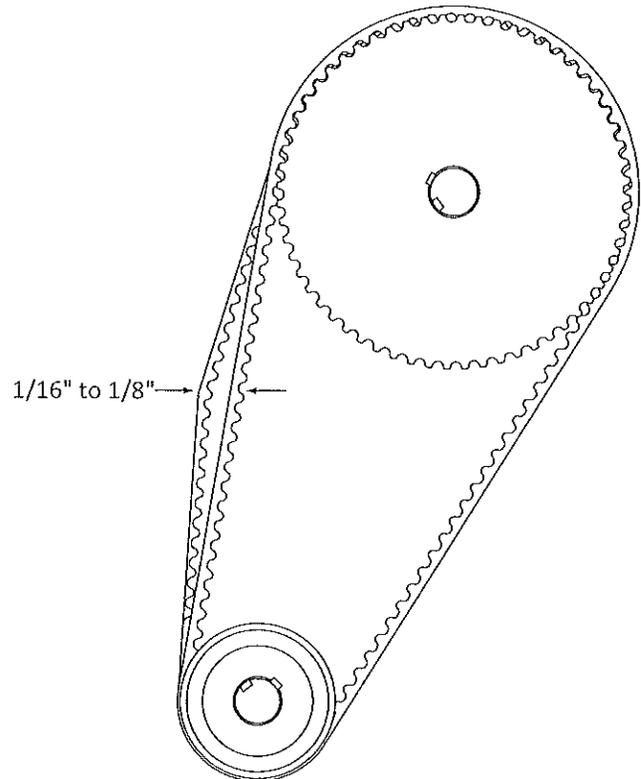


Figure 82. Drive Belt Tension

DC BATTERY REPLACEMENT

HySecurity provides a one year warranty from the date of shipment for all batteries supplied with the SlideSmart operator.

Indicators of a low battery include:

- LOW BATTERY or DEAD BATTERY appears on the Smart DC Controller display which may or may not be indicative of normal discharge.
- ALERT 18 CHANGE BATTERY appears on the Smart DC Controller display. The operator emits an audible chirp every minute to indicate a problem exists.
- AP (#) AC LOSS appears on the Smart DC Controller display. Gate operation is affected by AC power loss depending on customer preferences and the configuration set by the installer in the AP (#) AC LOSS User Menu.

NOTICE

For detailed information about the AP AC LOSS configuration, refer to Setting AC Power Loss Gate Function.

Symptoms of a low battery may include:

- Gate remains locked in the open position
- Gate remains locked in the closed position
- Gate opens five seconds after AC power loss and locks open

CAUTION

Before replacing the batteries, turn off all power switches. Use only AGM batteries as replacements (8Ah - MX002008, 50Ah - MX002013). The batteries supplied in the SlideSmart operator are state-of-the-art AGM batteries. Do NOT use flooded cell batteries as damage may occur to the unit. Wear protective clothing while working with batteries.

The two 8Ah batteries are accessible within the operator on a tray behind the control box.

To replace the batteries, take the following steps:

1. Take off the SlideSmart cover and turn off the DC and AC power switches.

2. To access the 8Ah batteries and disconnect its wires, cut the two black wire ties and slide the 8Ah batteries through the access window. See Figure 83. Another option is to remove the four screws that hold the control box to the chassis.
3. Disconnect the black, blue, and red wires as you slide the batteries through the access window. See Figure 83.

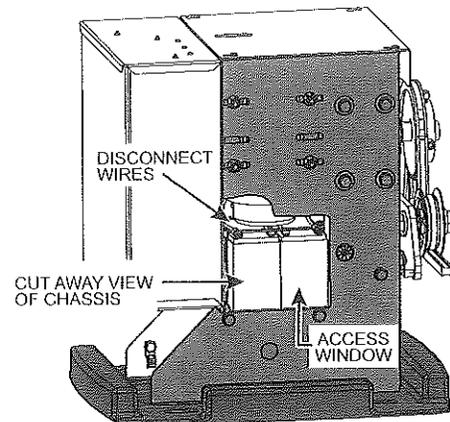


Figure 83. DC Battery Replacement

To install the two new batteries, reverse the removal procedure. See Figure 84.

1. Connect the red wire to the red terminal on the left battery and slide the battery onto the tray.
2. Attach the blue wire to the black terminal.
3. Insert the second 8Ah battery and connect the blue wire to the red terminal).
4. As you slide the battery onto the tray, connect the black wire to the black terminal on the right battery.

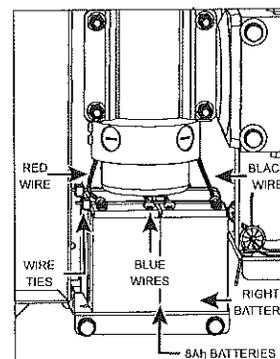


Figure 84. New DC Battery Replacement