



TSB-QLM-Motor-Replacement

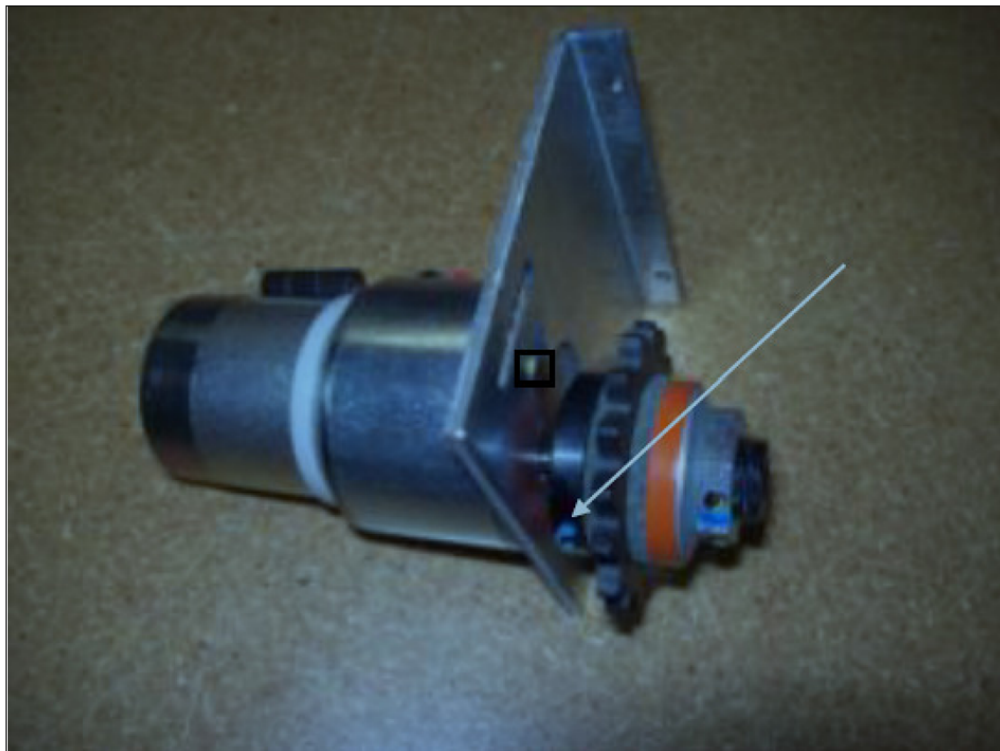


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Date Issued: 05/12/2010

Date Updated: 03/09/2012

Description: This TSB provides all information necessary to replace a QLM Motor.



DVD-12-005-02 OR DVD-12-000-02 (QLM Motor OR QLM Motor Assembly with Sprocket)

Note: In case only QLM motor is provided, it will be necessary to remove the sprocket from the old QLM motor and re-attach to the new motor by following the below mention steps.

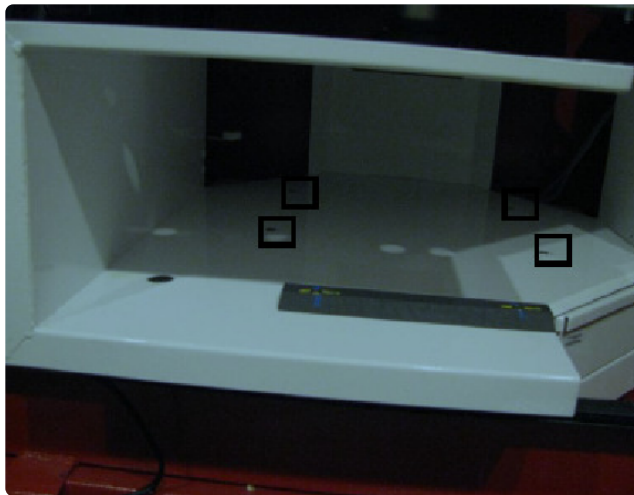
- Unscrew the set screw on the shaft using 5/64 Allen Key.
- Break the Loctite by hitting on the top edge of sprocket & pull off the sprocket.
- Use 1/8 Allen Key to remove two mounting screws from the metal plate.
- Mount the new motor; make sure the set screw sits on the flat part of shaft.

1.Recommended instructions for QLM Motor Removal



Open the Front Door of the Machine and turn off the electrical power. Manually raise the Picker Head Assembly up from the bottom section of the Machine and secure the picker using a Cable Ty- Wrap attached around the Drive Belt. Raising the Picker Head Assembly up will provide greater access to the QLM Lifter Assembly during the removal process.

2.Remove the QLM from the bay.



Remove QLM from the bay.

*In case: The QLM is stuck in engage position, loosen the Hub, lift it all the way up, then pull the QLM out and try to access the QLM bay motor for removal. Remove QLM upper bay by removing 4 Allen head screws using 1/8 Allen Key.

3.QLM Removal

Slightly pull the upper QLM bay, reach out to the left side of the QLM upper bay in the back to the QLM present sensor and unscrew the two mounting screws using 1/8 Allen Key. Pull the upper QLM bay out of the machine now and set it aside.

4.Remove the QLM

Remove the QLM motor located on the right back end of the QLM bay by removing 2 Allen head screws using 5/32 Allen key, than push the motor to left and remove the chain from the bottom channel of the motor. Follow the wire of QLM motor disconnect the wire connector OR cut the wire, remove the motor.

Note: Be cautious when removing the QLM motor from the chain, too much flex can remove the chain from the internal-gear of the lower QLM bay assembly.

Recommended instructions for QLM Motor Install.

1. Connect the replacement motor.
2. Set the motor on the rail & push to left, put the chain back onto the bottom channel of the motor, push motor to right and secure by 2 Allen screws using 5/32 Allen key.
3. Insert the upper QLM bay into the machine and mount the QLM present sensor using 1/8 Allen Key.
4. Secure QLM upper bay with 4 Allen screws using 1/8 Allen Key.
5. Test the motor to make sure the functionality.

<u>Tools/Parts Needed:</u>		
QLM Motor Assembly	1	DVD-12-000-02
5/32, 5/64 & 1/8" Allen Key	1	
QLM Tool	1	DVD-99-034-00

Associated TSB's:

<i>Owner</i>	<i>Department</i>
Created by: Engineering	Engineering
Published by: Steve Demunster	Steve Demunste

Revision#	Date	Description
1.0.0	05/12/2010	Original Release
1.0.1	03/09/2012	Updated to new TSB format

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