



PRODUCT INFORMATION BULLETIN

Date: November 7, 2014
Number: 8230
Division: Genie®
Product Family: Residential Openers
Product Series: IntelliG® and TriloG™ Series
To: All Genie Professional Line Wholesalers, Dealers and Installers
Re: Scheduled Circuit Board and Motor Upgrades
Notification 2

As announced in PIB 7853, the circuit boards and motors for the IntelliG and TriloG opener lineup have undergone the following changes. Any of these openers starting with the 5 digit S/N pre-fix of 14287 will have these updates.

- Add a second encoder to the motor & circuit board
- Improved Car2U Compatibility
- Improved Circuit Breaker Compatibility

Service part numbers for circuit boards and motors, as well as part numbers related to these items, have changed. Below is a conversion list of the current single encoder service part numbers to the new dual encoder part numbers. The new parts can be used to service both single and dual encoder openers by using the appropriate opto wire harness. The part number and the detail describing where to use the harness is shown below and on the following pages. Please note old and new material / service parts are compatible with each other and can be used to depletion without issue.

Item Description	Drive Type	Model Number	Single Encoder	New Dual Encoder
Non Configured Board <i>(comes w/ 2 Opto Harnesses, fits new board + single or dual encoder motor)</i>	Chain/Belt/Screw	4064/3064, 4024/3024	38513R.S	38877R.S
Non Configured Board + Series II Wall Console <i>(comes w/ 2 Opto Harnesses, fits new board + single or dual encoder motor)</i>			38514R.S	38878R.S
Replacement Motor only <i>(comes w/ 2 Opto Harnesses, fits new motor + new board or old board)</i>	Screw Drive	4064/3064	37841R.S	38631A.S
	Chain/Belt	4024/3024	38239A.S	38727A.S
Replacement Head Only	Screw Drive	4064/3064	37791R.S	38871R.S
	Chain/Belt	4024/3024	37790R.S	38870R.S

Opto Wire Harnesses Only (10pcs per Bag)

If you have THIS:	Paired with THIS:	You need Opto Harness PN
Single Encoder Board	New Dual Encoder Motor	39070R.S
Single Encoder Motor	New Dual Encoder Board	39072R.S

If you require the configured board part numbers, please contact your Genie representative.

For a period of time, the new dual encoder boards or motors when ordered as a service part will come with 2 opto harnesses. *There is a connection change on the board from a 4 pin connector (single encoder) to a 6 pin connector (dual encoder) – so the use of the correct cable is **mandatory**.*

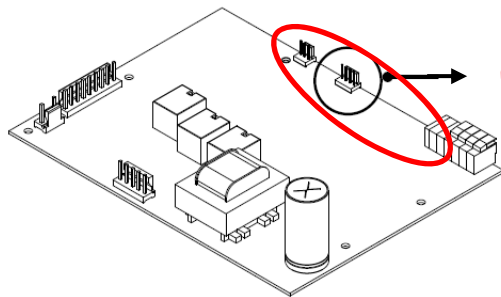
The original single encoder motors and boards are compatible with the new dual encoder motors and boards as long as you properly apply the correct opto harness.

Using Board Type (Single/Dual Encoder)	Existing Motor Type (Single/Dual Encoder)	Replacement Opto Harness Required?
Single Encoder (4 Pin Board Connector)	Single Encoder	No New Opto Harness Required, Use Existing Opto Harness
Dual Encoder (6 Pin Board Connector)	Single Encoder	New Opto Harness Required, use P/N 39072R.S (10pk) has a 6 Pin Board Connector
Dual Encoder (6 Pin Board Connector)	Dual Encoder	No New Opto Harness Required, Use Existing Opto Harness
Single Encoder (4 Pin Board Connector)	Dual Encoder	New Opto Harness Required, use P/N 39070R.S (10pk) has a 4 Pin Board Connector

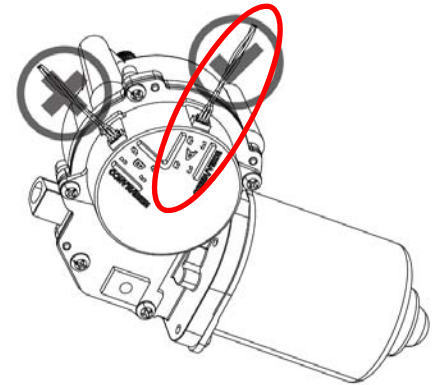
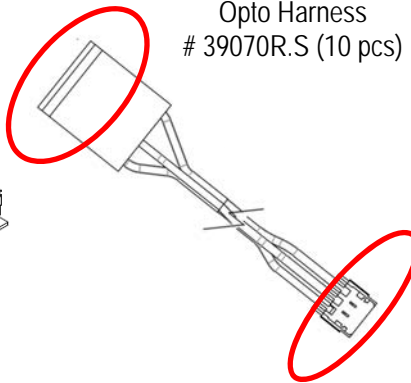
When it comes to service calls, these are the two scenarios important to understand:

Single Encoder Board	New Dual Encoder Motor
This board needs a 4 Pin connection (P/N 39070R.S, 10pk)	The service motor part number will come with 2 opto harnesses. Choose the 4 Pin connection (match the board) and connect to Port A.

Board, Single Encoder

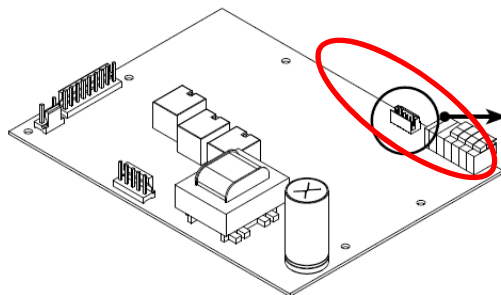


Opto Harness
39070R.S (10 pcs)

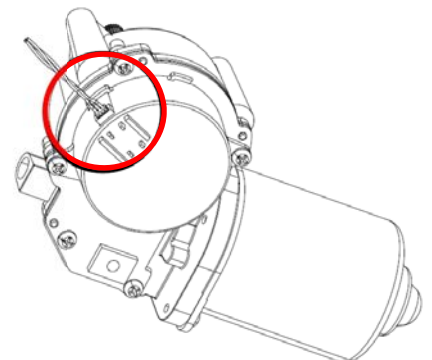
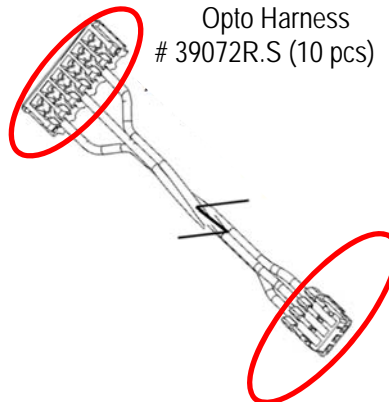


New Dual Encoder Board	Single Encoder Motor
This board needs a 6 Pin connection (P/N 39072R.S, 10pk)	Attach the 6 Pin connection (match the board) and connect the harness to the only port on the single encoder motor. <i>Note: Single encoder motors will no longer be sent as service parts going forward.</i>

Board, Dual Encoder



Opto Harness
39072R.S (10 pcs)

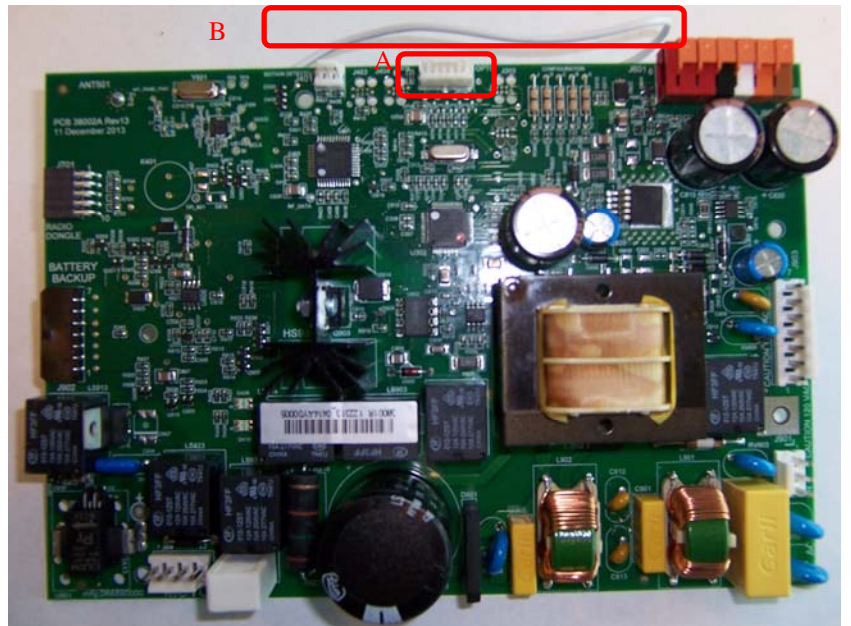
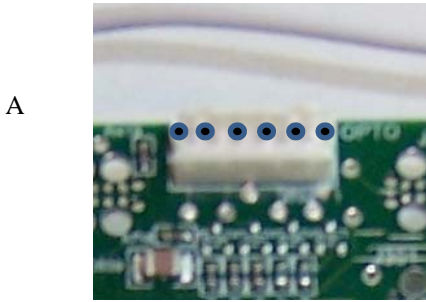


DC Chain/Belt Motor Shown – Concept applies to both DC Chain/Belt and Screw Drive product

Please contact Technical Services if you require any assistance during this transition.

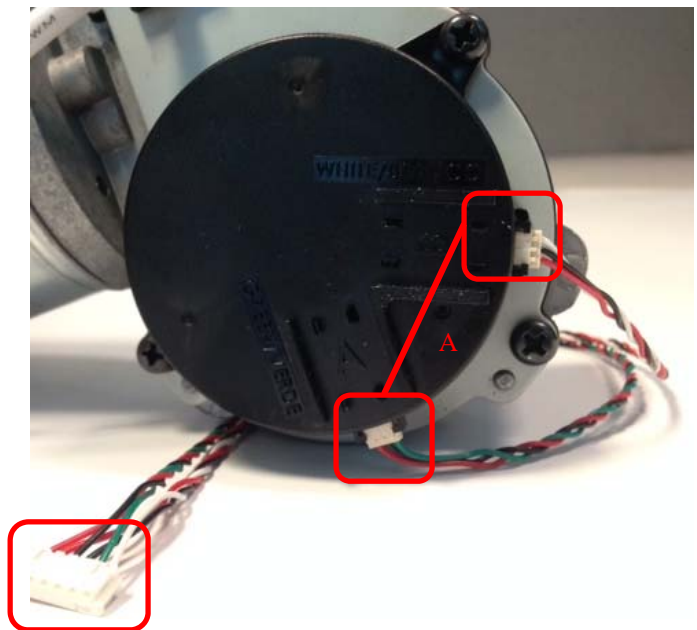
Technical Service: 800-843-4084, option 3.

Visible Circuit Board Changes			
	Change to Note	Dual Encoder	Differences from Single Encoder
A	Opto Cable Connector, Circuit Board	6 Pin Connection	The original board was a 4 Pin Connection
B	Antenna Wire Color	White	The original board had a gray antenna wire



New Dual Encoder Board

Visible Motor Changes			
	Change to Note	Dual Encoder	Differences from Single Encoder
A	Encoder, Connector	Dual Encoder, 2 Connectors	Single Encoder, 1 Connector
B	Opto Wire Connector, Motor	6 Pin Connection	Single Encoder, 4 Pin Connector



B

New Dual Encoder Motor