

NABCO ENTRANCES TECHNICAL BULLETIN

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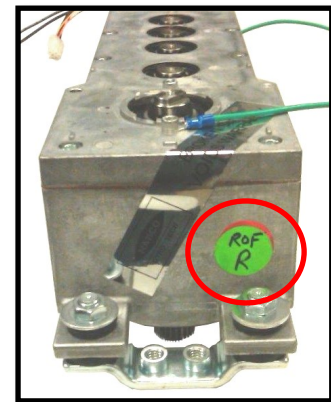
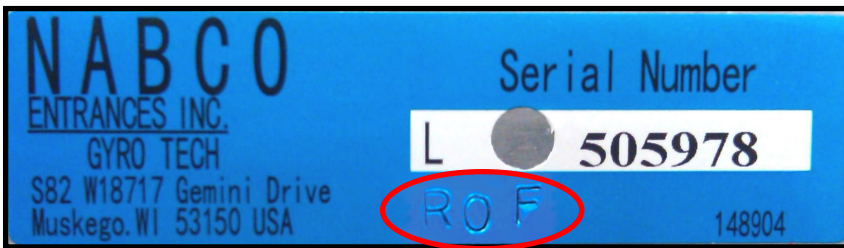
Date: June 29, 2016

Who is the technical contact?
Technical Support Department

Identifying and Preloading the New Reduced Opening Force (ROF) Operators

All GT8300/8400/8500 swing door operators using the Opus control now leave the factory with the new ROF operators.

Refer to illustration below:
These operators can be identified by a green sticker at the end of the operator with "ROF" written on it.



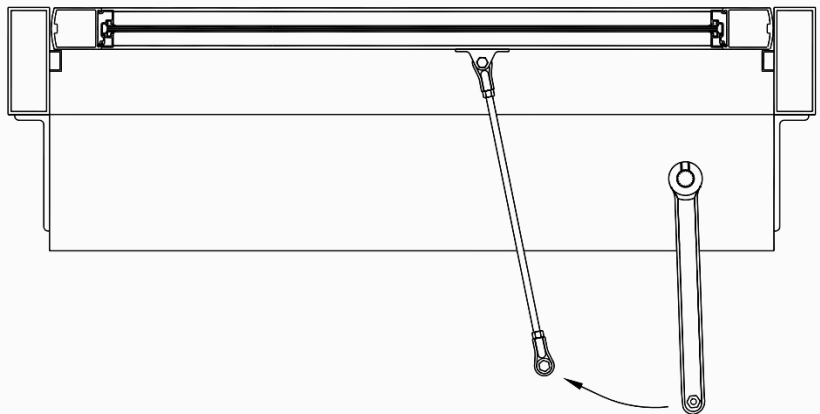
Refer to illustration above:
"ROF" is also stamped into the serial number decal on the operator.

When used with an Opus control, ROF operators are equipped with encoder-motors. They do not have micro-switches or cams, therefore, preloading the arm to a specific point is not crucial. In most cases, minimal arm preload is all that's required. Minimal arm preload helps to ensure that the door is easy to open when pushed manually.

On Low energy Operators (GT500,8500), minimum preload must be used.

One "notch" on the operator spindle is the maximum pre-load that can be used to keep the door closing force to within the 15lbs as required by the A156.19 Low Energy standard.

For example: on the out-swing unit shown at right, place the arm on the spindle one notch beyond the reach of rod. Then pull the arm over to connect the rod and arm.



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