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Subject: EM-300 Actuator Product Support Statement

The EM-300 Actuator has been an important product to Woodward for the (very) large bore medium speed engine market. The EM-300 has been used as fuel rack actuator for conventional diesel engines with a mechanical pump-line-nozzle fuel injection systems.

Over the years, this market has transitioned towards Common Rail fuel injection systems, resulting in a very rapid decline of EM-300 Actuator sales for new engines. At the same time the power density of the (very) large bore medium speed engines has increased significantly, resulting in increasing number of early life failures of the EM-300 Actuator feedback system. Due to diminishing of the new build market there is no commercial justification to develop a successor product for the EM-300 Actuator.

Woodward has produced and supported the EM-300 Actuator for many years and will continue to offer new sales of the EM-300 Actuator and support per below support schedule.

This Product Support Statement is valid for the EM-300 Actuator (p/n 8256-109, 8256-106 and 8256-310) only. For the moment there are no plans to rationalize the EM-80 Actuator, as the EM-80 Actuator has a different and more robust feedback system. The EM-80 and EM-300 Driver module will remain available as well.

Woodward offers the R-series Actuator platform as a potential replacement product. It's however to be noted that the R-120 Actuator work, torque and slew-rate are not matching the EM-300 Actuator specification. Therefore there is no full drop in replacement product available. As most of the EM-300 Actuator application have been around V-type engines, the next best technical alternative is to apply an EM-80 Actuator per bank.

Please contact Woodward or your EM-300 Actuator supplier to discuss last time buy options.



Now - Oct 1st, 2020:

- Unlimited New Sales
- Unlimited Repairs

Oct 1st, 2020 - 2022:

- Unlimited Repairs
- Replacement Exchange with service stock

Oct 1st, 2022 - 2027:

- Repairs based on parts availability
- Replacement Exchange with service stock

Note – Component obsolescence from electronic manufacturers can present a challenge to post-life support plans. Woodward strives to hold inventory or look for alternative parts when the components we use are no longer available. However, there are times when components simply cannot be obtained and where sufficient last-time buys cannot be made. Unfortunately, in these cases Woodward cannot guarantee the rationalization support plan.

Yours Sincerely,
Rick Boom