

WP0239

Dodge® gear reducers and adjustable speed drives: information required for replacement

Dodge Customer/Order Engineering

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When replacing an existing Dodge or competitor gear reducer or mechanical adjustable speed (MAS) drive, information is required to accurately functionally replace the reducer or MAS drive. The required information is listed below for standard gear reducers and mechanical adjustable speed drives.

Information required for replacing an existing Dodge or competitor gear reducer:

Nameplate data (A close up picture of the nameplate would be beneficial)

- Manufacturer
- Model number
- HP rating
- Output torque
- Ratio
- Mounting position

Has existing reducer failed? If yes:

- How did the reducer fail?
- How old is the reducer or how many hours did the reducer operate prior to the failure?

Additional information (Helpful but not required)

- What is the application?
- Required service factor
- Reducer input speed
- Photographs of the reducer mounted in the application (Three or four photographs taken from different perspectives)

Information required for replacing an existing Dodge or competitor mechanical adjustable speed drive:

Nameplate data (A close up picture of the nameplate would be beneficial)

- Manufacturer
- Model number
- Size
- Ratio
- HP rating
- Speed Range
- Mounting position

Has existing mechanical speed drive failed? If yes:

- How did the drive fail?
- How old is the drive or how many hours did the drive operate prior to the failure?

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ABB Motors and Mechanical Inc.

6040 Ponders Court

Greenville, SC 29615

Phone: +1 864 284 5700

Email: DodgeEngineering@abb.com

Additional information (Helpful but not required)

- Actual speed range required for the application
- What is the application?
- Does the application require high starting torque?
- Required service factor?
- Motor HP & base speed
- Photographs of the drive mounted in the application (Three or four photographs taken from different perspectives)

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