



DID YOU KNOW?

ADVICE FOR THE PROFESSIONAL

Situation

Late-model GM and Dodge/Ram trucks use different axles and driveshafts manufactured by either Dana (Spicer) or American Axle & Manufacturing (AAM). The particular driveshaft installed in the affected vehicle is determined by box/cab configuration, transmission, bed length and vehicle options. Each of these driveshafts requires a specific u-joint part number. To correctly determine the exact u-joint part number, care must be taken when looking up an application in the MOOG® catalog.

Vehicles affected

GM Trucks	2500/3500	2001-2012
Dodge	Ram 1500	2006-2009
Dodge/Ram	2500/3500	2003-2014
Ram	4500/5500	2012

Overview

The OE AAM and Spicer u-joints use the same diameter bearing caps, but a slightly different cap-to-cap length. MOOG has simplified this confusing issue by developing u-joints that work in either application. Application-specific snap rings are provided based on the manufacturer of the OE u-joint. In applications where the OE u-joint is slightly smaller, special snap rings are provided (photos 1b and 2b). This allows the u-joint to properly fit in the drive shaft or yoke. To ensure proper fitment, always consult the MOOG catalog.

Photo 1a



330

Photo 1b



330A

Different snap rings are provided based on vehicle application.

Identification Procedure

Photo 2a



Photo 2b



The MOOG catalog contains all details necessary to identify and select the proper u-joint. As mentioned previously, the year, make and model of the vehicle are not enough to ensure correct fitment. Bed length, cab size, driveshaft/yoke configuration, transmission, vehicle option packages and more can affect the u-joint selection. The proper u-joint for the application can be found in the MOOG catalog under the appropriate listing (see example).

U-joint	Type	Location	Detailed Description
330	4WD	Rear Driveshaft at Rear Axle	Extended Cab Pickup; with Spicer Axle 1410; with Steel Yoke; with 1-3/16" O.D. Bearings
330A	4WD	Rear Driveshaft at Rear Axle	Standard Cab Pickup; with American Axle 1415; with 1-3/16" O.D. Bearings

Identification Procedure

(Con't)

MOOG® Premium U-Joints Affected	MOOG® Super Strength® U-Joints Affected
330	295
330A	295A
331	232
331A	232A
351	N/A
351A	N/A
358	N/A
358A	N/A

If the cab style (standard, extended, crew, etc.), driveshaft/yoke configuration (2- or 3-joint shaft; aluminum or steel; etc.) or other factors affecting u-joint selection are unknown, carefully measure the u-joint or attempt to identify the driveshaft.

Maintenance Procedure

Once the correct u-joint is identified, and before installation, pre-grease the bearing caps and trunnions. Serviceable u-joints must also be greased upon installation, using the grease fitting. At every oil change, grease the u-joint and inspect the seals for damage. See "Did You Know?" bulletin DYK14-106U for more information on proper installation and maintenance of MOOG u-joints.



For parts lookup, visit www.FMe-cat.com tech line: **1-800-325-8886**

moogproblemsolver.com

