

**MOOG**  
STEERING & SUSPENSION



# 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 a specific vehicle requires, 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.

