# CLUTCH / U-JOINT TOOLS HEAVY DUTY TOOLS & EQUIPMENT



1/8<sup>4</sup> FREE PLAY

performed with No. 5035 tool se

Similar to Ford 308-D008 (D93L-4201-A)

## 5035

# Truck Clutch Adjustment Set

The gauges in this set enable you to check the adjustment of pull-type, heavy-duty clutches, ensuring their correct operation. One gauge checks the amount of free play between the yoke and the bearing's wear pad. The other gauge lets you determine the amount of travel between the release bearing and transmission bearing cap.

- Release bearing travel gauge.
- Clutch pedal free play gauge.



#### 5190A

#### Heavy-Duty U-Joint Puller

- The ideal tool for disassembling drivelines. • May be used with up to a one-inch
- impact wrench.
- Quickly and easily removes sealed U-joint cups without the need for hammering or heat.
  Will not damage the driveshaft, yoke, bearing
- cups, or joints.
- Fits practically all Class 7 and 8 trucks, including: Spicer driveline 1610, 1710, 1760, 1810, 1880 Spicer SPL 140, 170, 250 and 350 "Life Series"Meritor (Rockwell) 16N, 17N, 18N, 1710Meritor RPL 20 and 25 "Permalube" Series.



## 5192

# Heavy-Duty Bearing Cup Installer

Quickly and easily installs bearing cups on bolt-retained universal joints. Fits series 1610 to 1880 and nearly all other heavy-duty truck and machine type u-joints with bolt-retained bearing cups.

- Automatically aligns bearing cups
- during installation.
- Eliminates the possibility of damage to the needle bearing.

## **Truck Clutch Alignment Shafts**

These 10-spline clutch alignment shafts are available in the three most popular sizes: 1-1/2", 1-3/4", 2" O.D., and are designed for use on heavy-duty single, two-plate, push/pull, manual, and self-adjust clutches. The shafts are constructed of lightweight fiberglassreinforced nylon that won't hang up in clutch disc splines. Yet, they're rugged and will easily support the weight of heavy pressure plates.

- **5070** Truck clutch alignment shaft. 1-1/2" O.D., 30 mm pilot.
- **7072A** Truck clutch alignment shaft. 1-1/2" O.D., 1" pilot, 10 splines, 3.25" long. Similar to Ford 308-D001 (D79T-7550-A).
- **7073A** Truck clutch alignment shaft. 1-3/4" O.D., 1-1/4" pilot, spline 3.75" long. Similar to Ford 308-D002 (D79T-7550-B.)
- **7074A** Truck clutch alignment shaft. 2" O.D., 1-1/4" pilot. 10 splines, 3.6" long. Similar to Ford 308-D003 (D79T-7550-C).
- **7480** Truck clutch alignment shaft. 1-3/4" O.D., 1" pilot. Similar to Ford 308-D010 (D93T-7550-A).
- 5029 Clutch alignment shaft. 2" O.D., 1-1/4" pilot. 10 splines, 7.3" long. Similar to Ford 308-D011 (D93T-7550-B).
- 5030 Clutch alignment shaft. 1-3/4" O.D., 1-1/4" pilot, spline 7.375" long. Similar to Ford 308-D012 (D93T-7550-C).



## Heavy-Duty Bearing Cup Installer

Quickly and easily installs bearing cups on Dana/Spicer SPL "Life Series" quick-disconnect universal joints.

- Three individual adapters press bearings to the manufacturer's recommended depths.
- Adapters fit Spicer SPL 140, 170, and 250
   series drivelines.



U-Joint Tool

7490

5191

Designed for a 1/2" impact wrench, this U-joint tool removes even the most stubborn U-joints with ease. It's compact and easily set up, making it ideal for service calls. And it can be used at different angles and in tight places, eliminating those damaging makeshift methods. The puller's legs have holes for bolt storage.

- Bolts included: 5/16"-24 x 1-1/2", 3/8"-24 x 1-1/2", 7/16"-20 x 1-1/2", M8-1.25 mm x 35 mm.
- Works on most Dana Spicer and Meritor U-joints except Spicer's Life series model SPL250X.



# Clutch Service Set

Here's an ideal companion set to the clutch handler. Designed for Spicer heavy-duty clutches, the nine tools in this set help with a variety of jobs, from clutch installation and removal to flywheel drive-pin installation to clutch adjustment.

• Includes handy plastic carrying case.

| OTC<br>No. | Description                                                                                                          |
|------------|----------------------------------------------------------------------------------------------------------------------|
| 5044*      | Self-adjust clutch rotating tool.<br>Rotates adjusting ring.                                                         |
| 5045*      | Flywheel drive pin installing tool.<br>Aligns and installs drive pins in 14"<br>heavy-duty truck pot-type flywheels. |
| 5046*      | Clutch release tool. Removes shipping blocks from between clutch housing and release bearing.                        |
| 7028*      | Adjusting wrench. For internal<br>adjustment of multiple lever and<br>angle-spring clutches.                         |
| 7073A*     | Clutch alignment tool. 1-3/4" O.D.<br>Provides perfect fit to spline of<br>clutch disc.                              |
| 7074A*     | Clutch alignment tool. 2" O.D.<br>Provides perfect fit to spline of<br>clutch disc.                                  |
| 213013     | Pair of 3/8" flywheel to clutch guide pins.                                                                          |
| 213014     | Pair of 7/16" flywheel to clutch guide pins.                                                                         |
| 213015     | Hex key Wrench. Removes/installs flywheel drive pin set screws.                                                      |
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\* Tool is available separately.



# U-Joint Puller

7057

This service tool easily removes stubborn, corroded bearings without damaging U-joint components, even in limited space. The tool applies up to 7 tons of force to separate yoke assemblies and remove bearings. Far superior to sledgehammer methods.

- Works on Meritor 16N, 17N, 18N, and 1710 series U-joints and Spicer 1600/1610 to 1880 series U-joints.
- Includes plastic storage box, No. 1036 2-jaw puller, and instructions.

