

FORD SPECIAL TOOLS

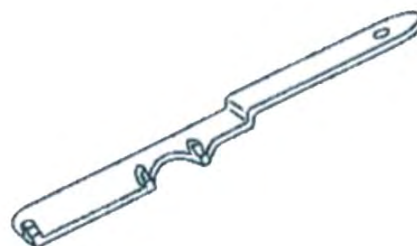
AOD, AODE, 4R70W

Extension Seal Installer

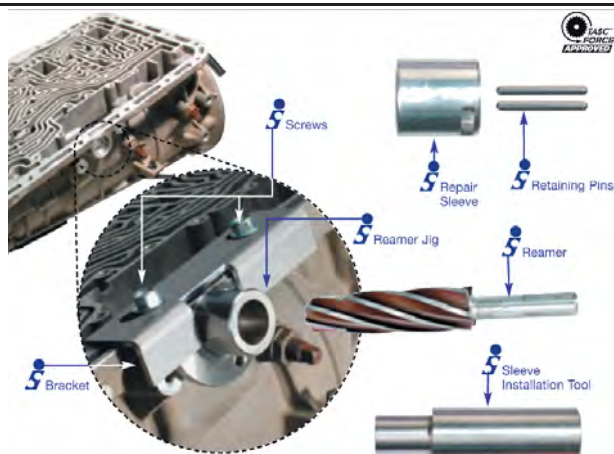


Part No. A4LD.TOOL05

Transmission Range Sensor Setting Tool



Part No. A4LDE.TOOL01



Manual Shift Lever Re-sleeve Toolkit

In vehicles with A4LD, 4R44/55E, 5R44E/55E, AOD & E and 4R70W units, it is common for fluid to leak around the manual shaft due to a worn case bore and excessive movement of the manual shaft. We offer the Sonnax repair sleeve A4LD.SL01 to restore the manual shaft case bore and salvage the case. The case bore is reamed oversized with this Sonnax tool kit.

Part No. A4LD.TOOL08

Lip Seal Installer Kit AOD/AODE



Part No. A0D.TOOL01

Direct Clutch Teflon Seal Installer Kit AOD/AODE/4R70W



Part No. A0D.TOOL02

End Play Clearance Gauge Bar AOD/AODE/4R70W



Part No. A0D.TOOL03

Governor Bore Case Sleaving Toolkit AOD/AODE



Replacement spare sleeves are available for this tool.

Part No. AODE.TOOL02

Part No. A0D.TOOL07



AUTOMATIC CHOICE



THE AUTOMATIC TRANSMISSION PARTS WAREHOUSE

FORD SPECIAL TOOLS

AOD, AODE, 4R70W



AUTOMATIC CHOICE



THE AUTOMATIC TRANSMISSION PARTS WAREHOUSE

Reverse Clutch Inner Lip Seal Installer AOD/AODE/4R70W



Part No. A0D.TOOL08

Valve Body Parts Stripping Tray



Part No. TOOL.03

Universal End Clearance Gauge



Part No. TOOL.05

Universal Pump Removal Tool



Quickly removes conventional style pumps without damage

Part No. TOOL.31

Cooler Line Quick Disconnect Tool



Removes push lock connectors on radiator & transmissions found on Fords 1983 up.

Part No. TOOL.33

Universal Oil Seal Removal Tool

Use with slide hammer



Part No. TOOL.41

SF-99 Servo Bore Repair System

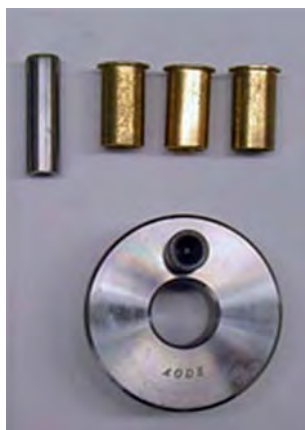
Master Kit, For use with Ford AODE, 4R70W, 4R75W, 4R70E and 4R75E type transmissions

Release oil for the overdrive servo in Ford's AODE, also happens to be apply oil for the direct clutch. Normally, the tight fit of the pin in it's bore seals the oil, allowing the transmission to use the servo's release as an accumulator. The problem is that as the servo applies and releases, the pin wears the case. This wear in the case creates a gap through which forward clutch oil leaks, causing a lack of apply pressure to the clutch and release pressure on the servo. With these losses of pressure, the transmission's service life, even after a rebuild, is seriously shortened.

The AODE kit contains tooling necessary to repair the overdrive servo pin bore.

Part No. TOOL.100





SF-99 Servo Bore Repair System Sub Kit, For use with Ford AODE, 4R70W, 4R75W, 4R70E and 4R75E type transmissions

This Sub Kit can be used with any SF-99 Servo Bore Repair System Master kit, enabling it to be used to repair the above transmissions

Part No. TOOL.101



SF-99 Servo Bore Repair System Master Kit, For use with Ford AOD type transmissions

Release oil for the overdrive servo in Ford's AOD, also happens to be apply oil for the direct clutch. Normally, the tight fit of the pin in it's bore seals the oil, allowing the transmission to use the servo's release as an accumulator. The problem is that as the servo applies and releases, the pin wears the case. This wear in the case creates a gap through which forward clutch oil leaks, causing a lack of apply pressure to the clutch and release pressure on the servo. With these losses of pressure, the transmission's service life, even after a rebuild, is seriously shortened.

The AOD kit contains tooling necessary to repair the overdrive servo pin bore.

Part No. TOOL.102



SF-99 Servo Bore Repair System Sub Kit, For use with Ford AOD type transmissions

This Sub Kit can be used with any SF-99 Servo Bore Repair System Master kit, enabling it to be used to repair the above transmissions

Part No. TOOL.103

SF-99 Servo Bore Repair System Gauge Pins For accurately re sizing bushings after installation



In order to get the best possible seal from the bushings we use, we machine them as close to the size of the pins as possible. However, in order for the bushing to seal and stay in place, it is necessary for the bushing to crush during installation. This "crush" effectively shrinks the bushing's inner diameter. These pins allow you to quickly and easily re-size the bushing to it's correct (something old servo pins don't always do) inner dimension.

The Gauge Pin kit contains tooling necessary to re-size every bushing in every kit we make. The pins are precision machined hardened steel, and they come in a plastic utility box.

Note: The Gauge Pin kit is only necessary if you purchased your tooling before 2005. In 2005, we started including each pin with it's respective kit.

Part No. TOOL.118

**SF-99 Servo Bore Repair System
Reamer Cleaning Stone**



Aluminum does not dull tool steel. Period. What happens instead is that the reamer collects aluminum on it's cutting edges. This phenomenon is not limited to our products. Check any cutting tool in your shop. These "build ups" of aluminum effectively become the new cutting edges. These build ups obviously do not cut as well as the tool steel and are also larger than the original diameter of the reamer. Translation- a larger bore that was a lot harder to cut. To combat these build ups, we offer a stone which fits between the flutes of the reamer and cleans the cutting edges up quite nicely.

Note: While aluminum will not dull tool steel, bear in mind that cases typically cast from recycled aluminum, which can contain steel.

Part No. TOOL.119