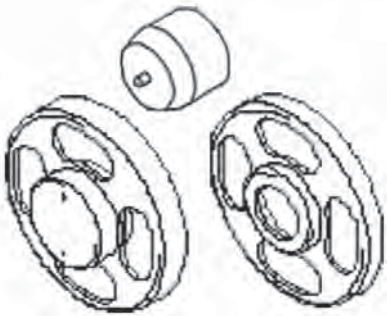
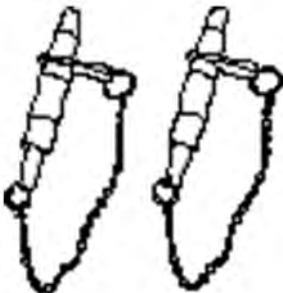
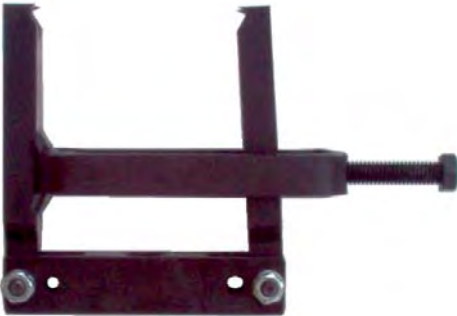


| FORD SPECIAL TOOLS                                                                                                                                                |                                                                                                                                                                    | CD4E                                                                                                                                                                                                                                                                                                                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Piston Installing Kit</b></p>  <p><i>Part No. CD4E.TOOL01</i></p>          | <p><b>Subframe Aligning Pin Set</b></p>  <p><i>Part No. CD4E.TOOL02</i></p>      | <div>  </div> <div>           AUTOMATIC CHOICE         </div> <div>  </div> <div>           THE AUTOMATIC TRANSMISSION PARTS WAREHOUSE         </div> |
| <p><b>Oil Pump Alignment Pin Set</b></p>  <p><i>Part No. CD4E.TOOL03</i></p>     | <p><b>Range Switch Setting Gauge</b></p>  <p><i>Part No. CD4E.TOOL04</i></p>    |                                                                                                                                                                                                                                                                                                                            |
| <p><b>Valve Body Alignment Pin Set</b></p>  <p><i>Part No. CD4E.TOOL05</i></p> | <p><b>Selector Shaft Aligning Tool</b></p>  <p><i>Part No. CD4E.TOOL06</i></p> |                                                                                                                                                                                                                                                                                                                            |
| <p><b>Converter Seal Installer</b></p>  <p><i>Part No. CD4E.TOOL07</i></p>     | <p><b>Converter Seal Remover</b></p>  <p><i>Part No. CD4E.TOOL08</i></p>       |                                                                                                                                                                                                                                                                                                                            |

## Servo Cover Remover/Installer



Part No. CD4E.TOOL09

## Piston Seal Installer/Protector Kit



Part No. CD4E.TOOL10

## Hydraulic Transmission Tester



Test the transmission with fluid under pressure, the Hydraulic Tester simulates operating conditions in the unit and finds problems instantly. The Hydraulic Tester finds hidden defects in soft parts or can alert you to hard parts that have grown out of tolerance. A simple hook up to a unit test plate and the reading of a single gauge allows you to test a transmission in or out of the vehicle

Part No. TOOL.139

## Unit Test Plate for CD4E

Part No. CD4E.TOOL11

## Valve Body Parts Stripping Tray



Part No. TOOL.03

## Universal End Clearance Gauge



Part No. TOOL.05

## 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 CD4E type transmissions

Release oil for the 2/4 servo in Ford's CD4E is applied to the back of the piston, with no inner sealing surface. 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 and to aid the spring in the release of the band. The problem is that as the transaxle ages and the servo goes through many apply and release cycles, the pin wears the case. This wear in the case creates a gap through which third clutch oil leaks, causing a lack of release pressure on the servo. With this loss of pressure, the band drags, burning both the band and the direct clutch. The CD4E kit contains tooling necessary to repair the servo pin bore.

*Part No. TOOL.104*



## SF-99 Servo Bore Repair System

### Sub Kit, For use with Ford CD4E 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.105*



## 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*

