

# Ford Ranger 1998-2006 Workshop Manual

## REMOVING OIL AND MOUNTING PARTS (DISASSEMBLY) ASSEMBLY

1. Disassemble in the order indicated in the table.
2. Reassemble in the reverse order of disassembly.



CONTINUED

### Timing Gear Case Disassembly Note

- Remove the timing gear case by using the separator tool.

### Oil Pump Cover Disassembly Note

- Remove the O-ring by using the SST.

### Oil Pump Cover Disassembly Note

- Remove the oil seal by using a separator connected with a ring.

### Oil Pump Cover Assembly Note

- Tighten the bolts in two or three steps in the order shown.

### Timing Gear Case Assembly Note

- Install the new O-ring.



### Rear Cover Assembly Note

1. Apply clean engine oil to the oil seal.
2. Push the oil seal slightly in by hand.
3. Press the oil seal in evenly by using the SST.



4. Apply silicone sealant to the rear cover as shown.



Thickness:  
• 2 mm (0.07 in)



### Pumpshaft Assembly Note

1. Hold the crankshaft by using the SST.
2. Tighten the bolts in the order shown.



### Timing Gear Case Assembly Note

3. Install the new O-ring.

# 83 Ford Ranger Repair Manual

**JS Bruner**

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