



U.S. Department
of Transportation
National Highway
Traffic Safety
Administration

**AUTO SAFETY HOTLINE
VEHICLE OWNER'S QUESTIONNAIRE**

NATIONWIDE 1-800-424-9393
DC METRO AREA 202-368-9123

FOR AGENCY USE ONLY

DATE RECEIVED

2004 JUL 15 PM 5:52

od-or

rl-dt

od-rt

up-lr

REFERENCE NO.

OWNER INFORMATION (TYPE OR PRINT)

NAME and ADDRESS

COUNTY OF LOS ANGELES

LOS ANGELES, CALIFORNIA 90003-3234

Do you authorize NHTSA to provide a copy of this report to the manufacturer of your vehicle? YES ☒ NO ☐
In the absence of an authorization, NHTSA WILL NOT provide your name or address to the vehicle manufacturer.

SIGNATURE OF OWNER *Vehicle coordinator*

DATE *5/5/04*

Vehicle # F0887

VEHICLE INFORMATION

VEHICLE IDENTIFICATION NO.

1FTNF20F51

VEHICLE MAKE

Ford Truck

VEHICLE MODEL

F250 SD

MODEL YEAR

2004

*LOCATED AT BOTTOM OF WINDSHIELD ON DRIVER'S SIDE

CURRENT ODOMETER READING

22730

DATE

9/12/02

☒ NEW ☐ USED

DEALER'S NAME, CITY & STATE

*Ford of Montebello
Montebello Calif. 90640*

ENGINE SIZE

(CID/GC/L) 7.3

NO. CYLINDERS *2*

☒ TURBO

☒ DIESEL

☐ GAS

☐ FUEL INJECTN

TRANSMISSION TYPE

☐ MANUAL

☒ AUTOMATIC

ANTILOCK BRAKES

☒ YES

☐ NO

RESTRAINT SYSTEM

☒ DRIVERSIDE AIRBAG

☐ MOTORBELT

☒ PASSENGERSIDE AIRBAG

☒ 3-POINT BELT

☐ 2-POINT BELT

CRUISE CONTROL

☒ YES

☐ NO

DRIVETRAIN

☐ FRONT

☒ REAR

☐ 4-WHEEL

BODY STYLE

STAWAG

4 DR

2 DR

☒ HATCH BK

☐ VAN

☐ PK UP TRK

☐ OTHER

FAILED COMPONENT(S)/PART(S) INFORMATION (REPORT TIRE INFORMATION ON BACK)

COMPONENT

Automatic

Transmission

PART NAME(S)

Sprag diode clutch

LOCATION

☒ Center

☐ LEFT

☐ FRONT

☐ RIGHT

☐ REAR

FAILED PART(S)

☒ ORIGINAL

☐ REPLACEMENT

NO. OF FAILURES

1

DATE(S) OF FAILURE(S)

12/31/03

MILEAGE AT FAILURE(S)

22,730

VEHICLE SPEED AT FAILURE(S)

Highway speed

MANUFACTURER CONTACTED

☒ YES ☐ NO

NHTSA PREVIOUSLY CONTACTED

☐ YES ☒ NO

APPLICABLE ACCIDENT INFORMATION

ACCIDENT

☐ YES ☒ NO

FIRE

☐ YES ☒ NO

NUMBER PERSONS INJURED

0

NUMBER OF FATALITIES

0

PROPERTY DAMAGE ESTS

0

POLICE REPORTED

☐ YES ☒ NO

NARRATIVE DESCRIPTION OF FAILURE(S), ACCIDENT(S), INJURY(IES)

The sprag clutch breaking across in two sections. The material is made with iron powder mixture. The component is formed under high temperature Vacuum Chamber furnace. The pictures show the component crack in two sections. The vehicle was used as normal highway driving and light loading.

CONTINUE ON BACK IF NEEDED

The Privacy Act of 1974
Public Law 93-579

This information is requested pursuant to authority vested in the National Highway Traffic Safety Act and subsequent amendments. You are under no obligation to respond to this questionnaire. Your response may

be used to assist the NHTSA in determining whether a manufacturer should take appropriate action to correct a safety defect. If the NHTSA proceeds with administrative enforcement or litigation against a manufacturer, your response, or a statistical summary thereof, may be used in support of the agency's action.

Fold to show Return Address (no stamp needed) Fasten with tape or staple and mail

INFORMATION ON TIRE FAILURES (IF APPLICABLE)

TIRE IDENTIFICATION NO.*

D O T

MANUFACTURER/TIRE NAME

SIZE

* The identification number consists of 7 to 10 letters and numerals following the letters DOT. It is usually located near the rim flange on the side opposite the whitewall or on either side of a blackwall tire.

NARRATIVE DESCRIPTION (CONTINUED)

Repair as warranty due to low vehicle mileage & time.
The cost if not warranty is \$2,892.00 Ford/Motor
Company Dealership charge \$2,237.00 Auto
\$ 660.00 labor
Replacement automatic transmission in 76 mo or 36,000 mi.

★ U.S. G.P.O.: 1983-603-887/80000

U.S. Department
of Transportation
National Highway
Traffic Safety
Administration

400 Seventh St., S.W.
Washington, D.C. 20590

Official Business
Penalty for Private Use \$300

BUSINESS REPLY MAIL

FIRST CLASS PERMIT NO. 73173 WASHINGTON, D.C.

POSTAGE WILL BE PAID BY NATE HWY TRAFFIC SAFETY ADMIN.

U.S. Department of Transportation
National Highway Traffic Safety Administration
Auto Safety Hotline, NEF-11 HL
400 7th Street, SW
Washington, DC 20590

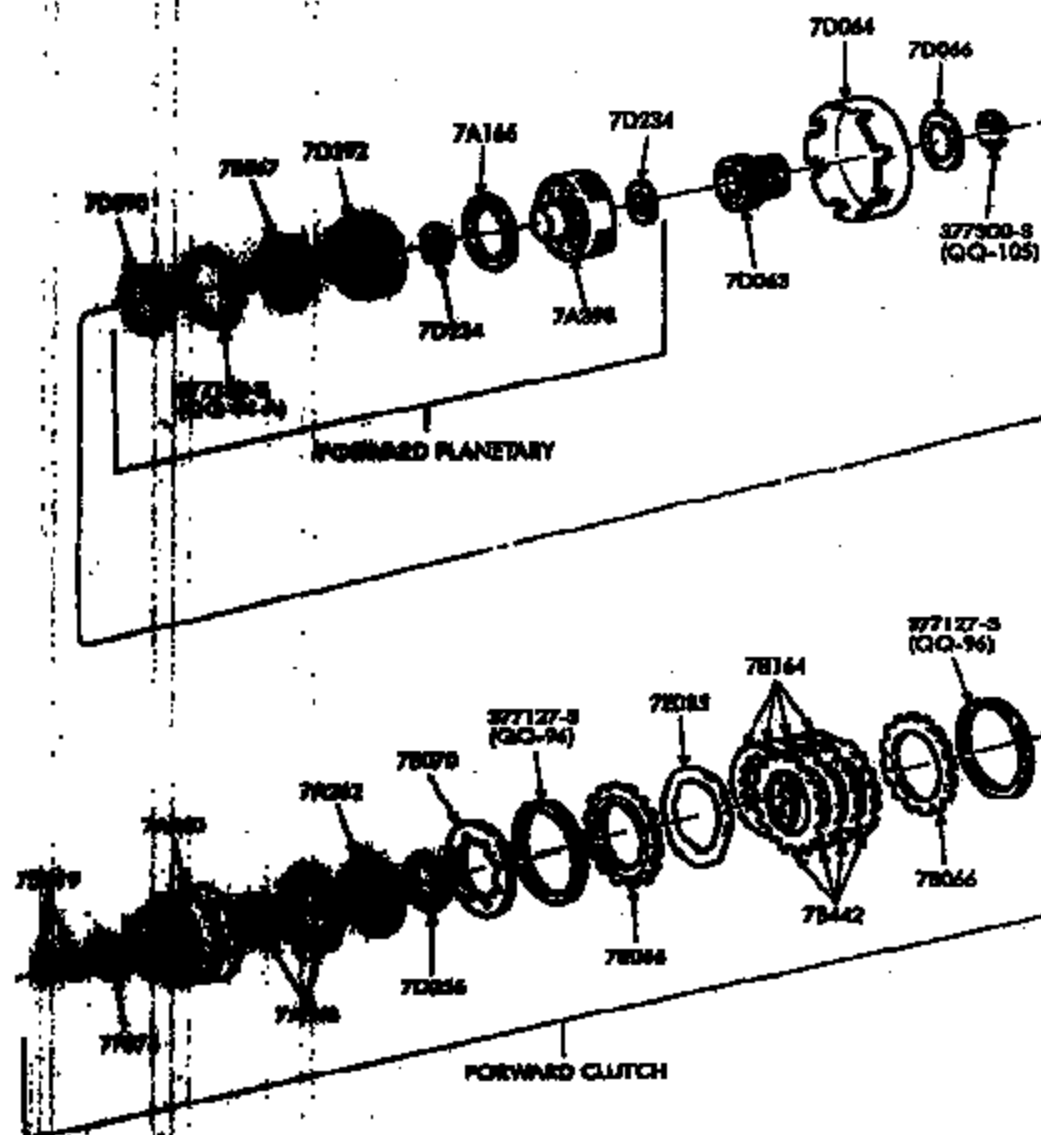
NO POSTAGE
NECESSARY
IF MAILED
IN THE
UNITED STATES

VehicleNo	F0887	Mileage	34012
Make	FORD	WheelBase	137
Model	F 250 SD	UnladenGVW	0
Year	2001	GrossGVW	8800
Type	PICKUP	EngMake	INT
LicenseNo		Eng Model	7.3L POWER STROKE
Color	RED	Cyl	V8
Seals	Yes	Disp	7.3 L
InService	9/12/00	HP	236
YmID	1FTNF20F6	EngSerialNo	1428857
CabNo		Trans	AUTO
SerialNo		Fuel	DIESEL
Assignment	VEHICLE COORD	FuelTankCap	38
AssignNo		WaterTankCap	0
Assignee	AGALZOFF	MainPump	
RankTitle		MPModel	
Housed	COMM/SLAUSON	GPM	0
StaUnit	FIRE SHOP	PumpSerialNo	
BuSect		RoadPump	
Division	FLEET SERV	RPMModel	
Bureau	SUP SERV	Foam	
		WarningDevices	NONE
		BudgetYr	1999/2000
		SpecNo	FD382B-99-00
		PONumber	
		AcqCost	\$29,202.00
		Accepted	9/11/00
		Fcpp	
		AddRepl	F0061
		FieldMech	R 98
		OutOfService	
		BasicWarranty	3YRS/36,000
		EngineWarranty	5YRS/100,000
		TransWarranty	3YRS/36,000
		SpecialWarranty	
		MaintProgram	
		Contract Repairs	\$642.75
		A/C	Yes
		LoJack	No
		Note	KEY CODE 0448 X

Monday, April 26, 2004

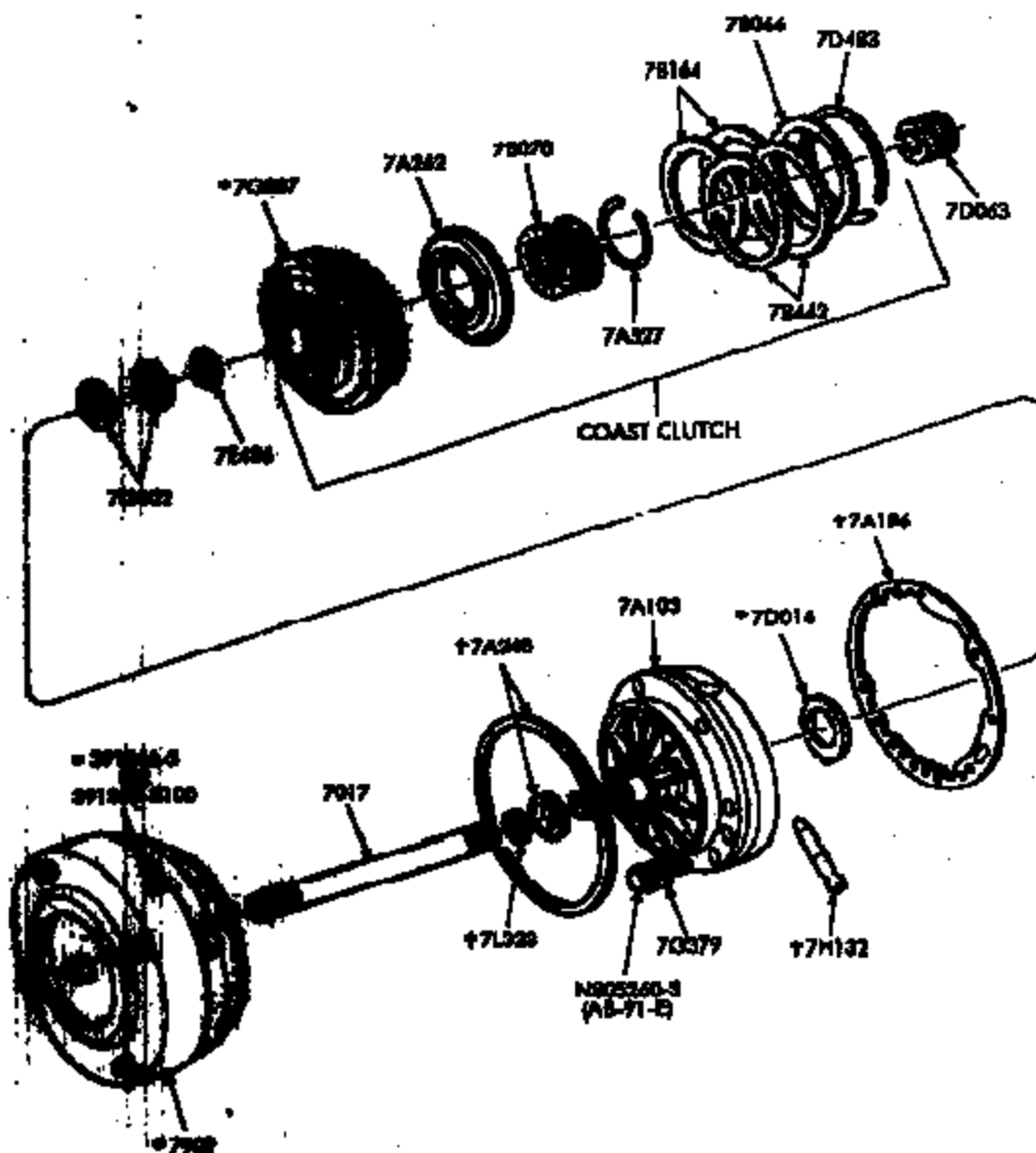


To-Fire Plant Services Page 001



P-37801
C-24/700

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Ford West Bend, Missouri, INC



70002 70007 70008 70010 70011 70012 70013 70014 70015 70016 70017 70018 70019 70020 70021 70022 70023 70024 70025 70026 70027 70028 70029 70030 70031 70032 70033 70034 70035 70036 70037 70038 70039 70040 70041 70042 70043 70044 70045 70046 70047 70048 70049 70050 70051 70052 70053 70054 70055 70056 70057 70058 70059 70060 70061 70062 70063 70064 70065 70066 70067 70068 70069 70070 70071 70072 70073 70074 70075 70076 70077 70078 70079 70080 70081 70082 70083 70084 70085 70086 70087 70088 70089 70090 70091 70092 70093 70094 70095 70096 70097 70098 70099 70100

8/27/78

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Ford West Hill-Hovell EPC

**Article No.
01-13-5**

• TRANSMISSION - 4R100 - DELAYED OR NO 2ND GEAR -
DIAGNOSTIC TROUBLE CODES P0761, P0765 AND/OR
P0766 - VEHICLES EQUIPPED WITH 4R100
TRANSMISSION WITH TRANSMISSION BUILD DATES
BETWEEN 7/27/2000 AND 3/23/2001 ONLY

FORD:

2001 E SERIES, EXCURSION, EXPEDITION, F-150,
SUPER DUTY F SERIES, SUPER DUTY F-53 STRIPPED
CHAS.

LINCOLN:

2001 NAVIGATOR

ISSUE:

Some 2001 vehicles equipped with 4R100 transmission, having a transmission build date between 7/27/2000 and 3/23/2001, may exhibit an intermittent, delayed or no second gear condition. Diagnostic Trouble Codes (DTC's) that may be set with this concern are P0761 (1-2 shift error), P0765 (shift solenoid B malfunction) and P0766 (shift solenoid B performance). This may be caused by the Intermediate One Way Clutch (mechanical diode style) not operating properly.

ACTION:

Verify condition, follow normal diagnostics per the appropriate Workshop Manual. If diagnostics leads to the described condition, replace the Intermediate One Way Clutch (OWC) (mechanical diode style 7A089), Intermediate Brake Drum (7C044) and Intermediate Clutch Internally splined friction plates (7B184). Refer to the following Service Procedure for details.

SERVICE PROCEDURE

Verify above "ISSUE". Refer to Figure 1 for replacement components. Refer to the appropriate Workshop Manual for Transmission Disassembly and Assembly procedures. If contamination is present, a full disassembly and cleaning will be required. Follow all the normal service procedures as indicated in the appropriate Workshop Manual.

NOTE:

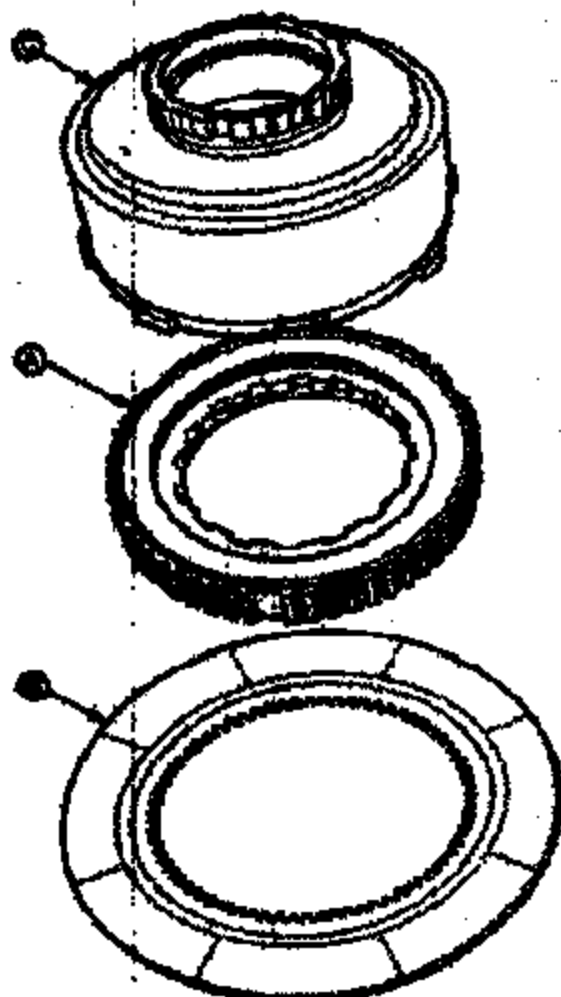
MAKE SURE ALL MATING COMPONENTS LISTED ARE CHANGED. THE MATING COMPONENTS OF THE TWO DESIGN ONE WAY CLUTCHES (7A089) ARE NOT INTERCHANGEABLE. IF ALL THE COMPONENTS ARE NOT CHANGED, INTERNAL TRANSMISSION DAMAGE MAY RESULT.

NOTE:

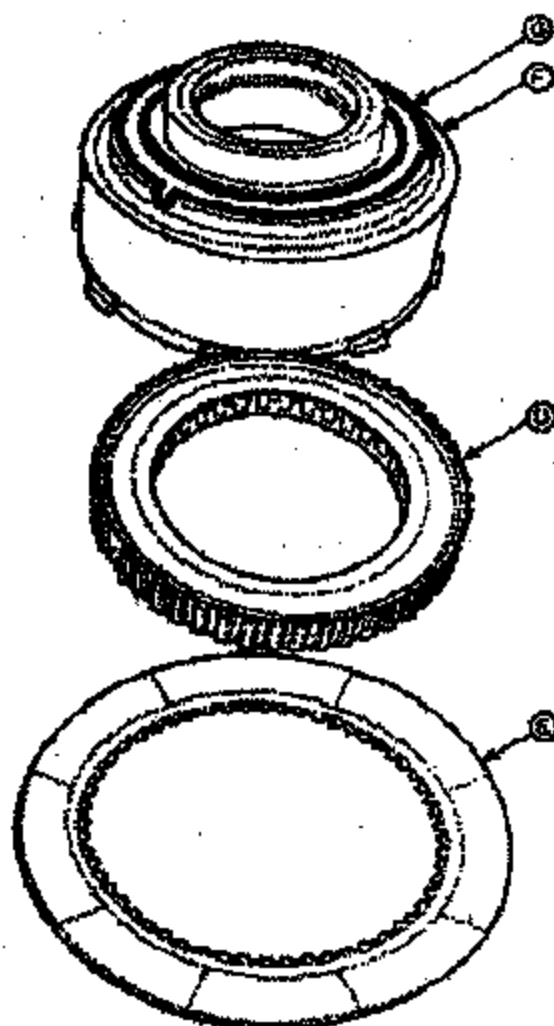
THE MECHANICAL DIODE DESIGN ONE WAY CLUTCH, DID NOT USE A #7 THRUST WASHER. THERE ARE NO MACHINED SLOTS IN THE INTERMEDIATE BRAKE DRUM FOR THE THRUST WASHER TABS. THE SPRAG DESIGN ONE WAY CLUTCH MUST BE USED WITH A #7 THRUST WASHER. THE INTERMEDIATE BRAKE DRUM USED WITH THE SPRAG OWC DESIGN HAS SLOTS MACHINED IN THE DRUM FOR THE #7 THRUST WASHER TABS.

PART NUMBER	PART NAME
E072-7A089-B	Intermediate OWC (Sprag Design) - All
1G3Z-7B184-BA	Intermediate Clutch Plates, Friction (Internal Splined) - All

REMOVE MECHANICAL DRIVE ONE-WAY CLUTCH (OWC) DESIGN COMPONENTS



INSTALL SPRAG ONE-WAY CLUTCH (OWC) DESIGN COMPONENTS



REMOVE

REF.	PART NUMBER	DESCRIPTION	ENGINE APPLICATION
A	7022-T024-00-00	Intermediate OWC (Mechanical Drive Design)	7.5L OWC
B	7022-T024-00-00	Intermediate OWC (Mechanical Drive Design)	6.4L/6.5L
C	7022-T024-00-00	Intermediate OWC (Mechanical Drive Design)	AD
D	7022-T024-00-00	Intermediate OWC (Mechanical Drive Design)	6.4L/6.5L
E	7022-T024-00-00	Intermediate OWC (Mechanical Drive Design)	7.5L OWC

INSTALL

REF.	PART NUMBER	DESCRIPTION	ENGINE APPLICATION
D	7022-T024-00-00	Intermediate OWC (Sprag Design)	AD
E	7022-T024-00-00	Intermediate OWC (Sprag Design)	6.4L/6.5L
F	7022-T024-00-00	Intermediate OWC (Sprag Design)	7.5L OWC
G	7022-T024-00-00	Intermediate OWC (Sprag Design)	6.4L/6.5L
H	7022-T024-00-00	Intermediate OWC (Sprag Design)	7.5L OWC

TSP-0004-A

YC3E-7D044-AA	Intermediate Brake Drum (4 Plate) - 5.4L And 6.8L
YC3E-7D044-BA	Intermediate Brake Drum (5 Plate) - 7.3L Only
F3T2-7G401-A	Thrust Washer #7 - Intermediate OWC - All

OTHER APPLICABLE ARTICLES:

NONE

WARRANTY STATUS:

INFORMATION ONLY

DASH CODES:

501000, 503000, 504000

Figure 1 - Article 01-13-5

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Sep 16 03 02:30p

VALCO TRANSMISSION
7826 PEAR BLOSSOM HWY
LITTLEROCK, CA 93543 (881)944-4858

AUTO TRANS: CLUTCH PISTON SEAL: Item: 53
2001 Ford Pickup F350 Super Duty

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