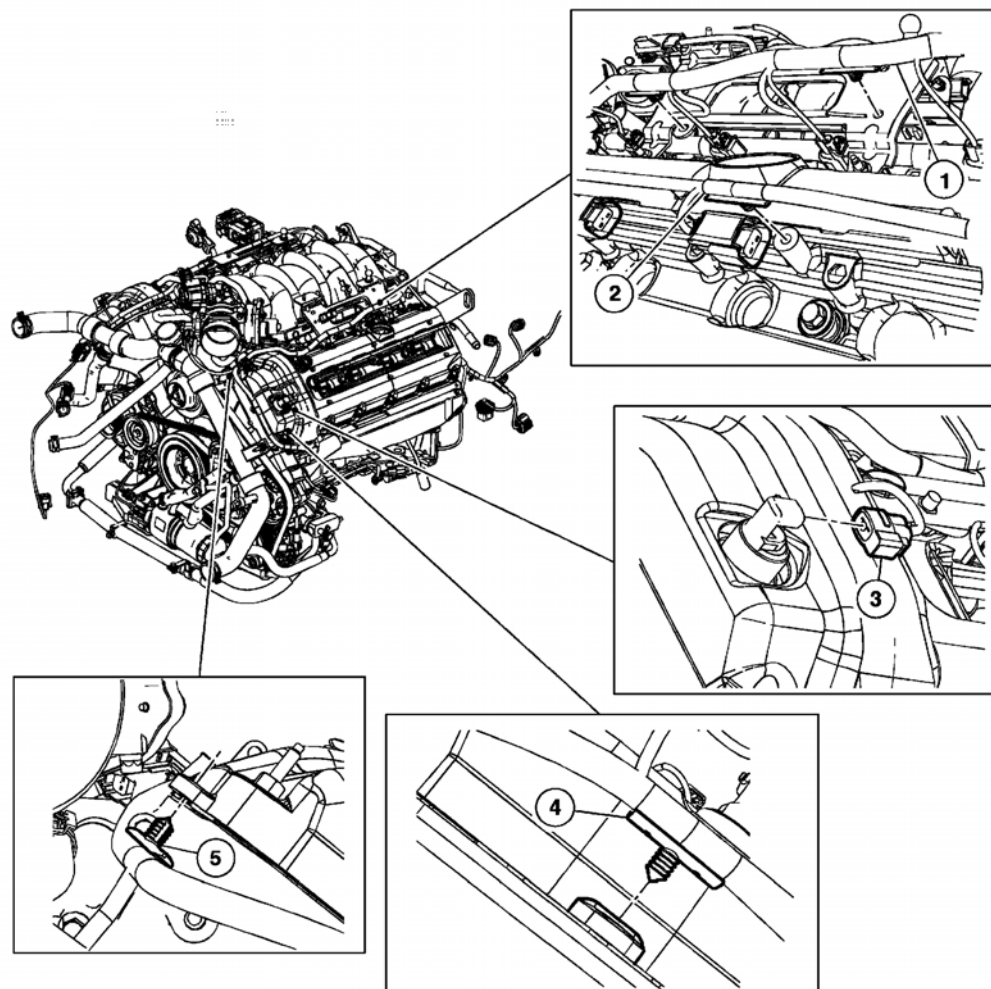


# 2005 Ford Thunderbird

## 2005 ENGINE Engine - Thunderbird



A0071616

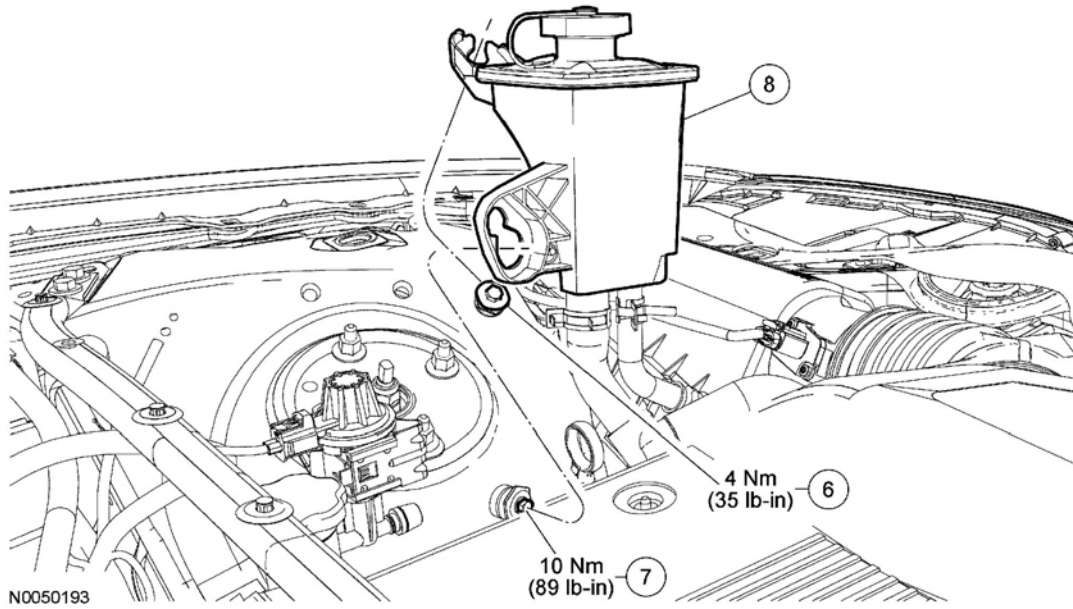
Item	Part Number	Description
1	6A005	Engine wiring harness retainer (part of 12B637)
2	6A005	Engine wiring harness retainer (part of 12B637)
3	14A464	Variable cam timing (VCT) sensor electrical connector (part of 12B637)

Item	Part Number	Description
4	6A005	Engine wiring harness retainer (part of 12B637)
5	6A005	Engine wiring harness retainer (part of 12B637)

**Fig. 18: Identifying Engine Components (1 Of 4)**  
 Courtesy of FORD MOTOR CO.

# 2005 Ford Thunderbird

2005 ENGINE Engine - Thunderbird

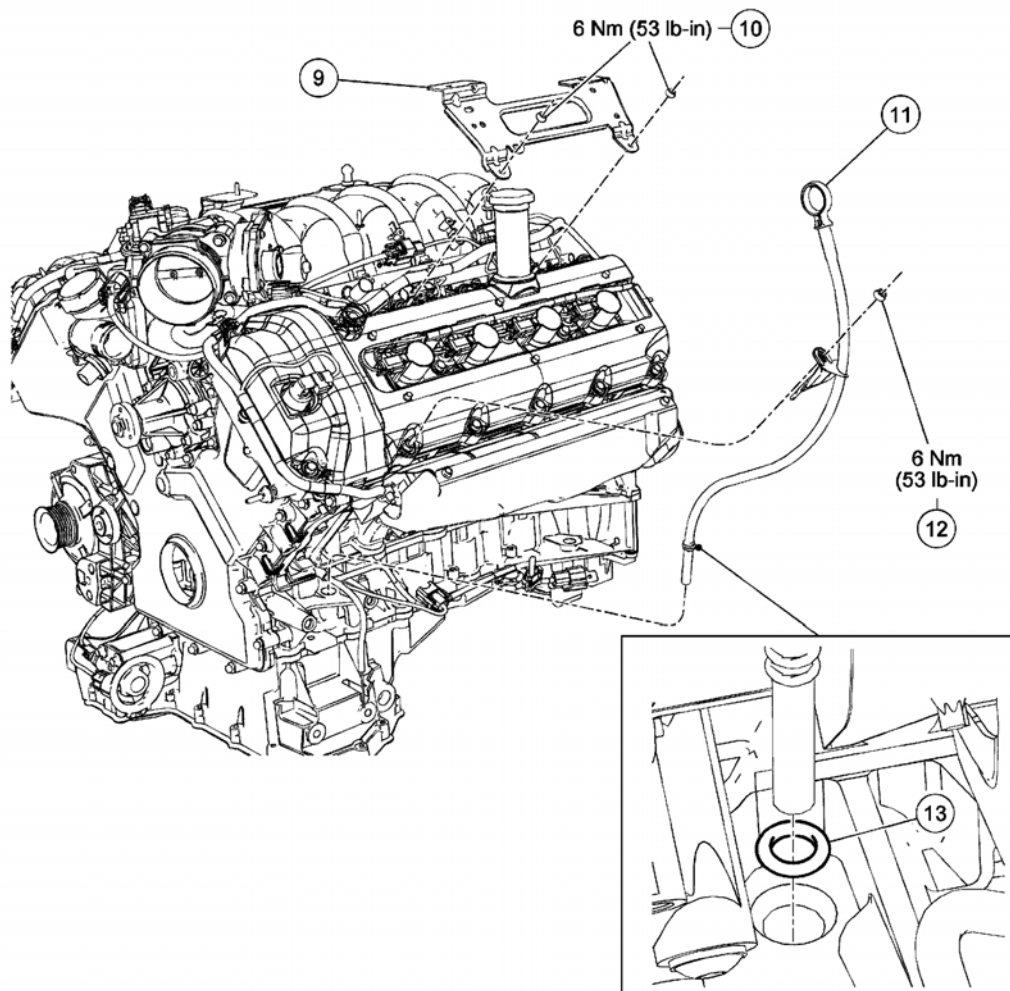


Item	Part Number	Description
6	N803882	Upper power steering reservoir isolator bolt
7	W705012-S306	Lower power steering reservoir isolator bolt
8	3E764	Power steering fluid reservoir

**Fig. 19: Identifying Engine Components (2 Of 4)**  
Courtesy of FORD MOTOR CO.

# 2005 Ford Thunderbird

2005 ENGINE Engine - Thunderbird



N0050194

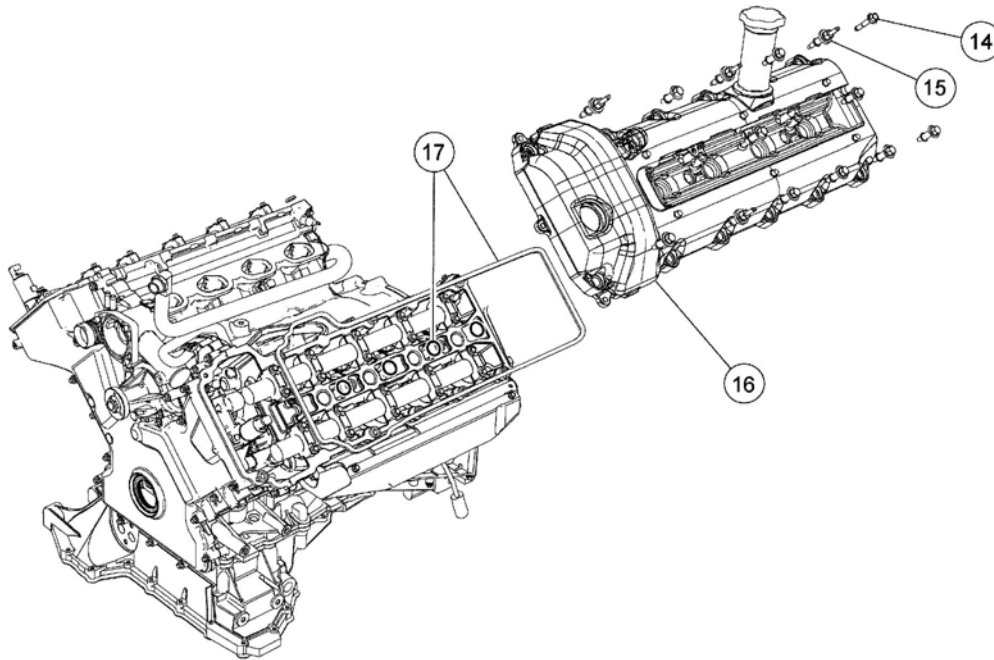
Item	Part Number	Description
9	129723	LH engine appearance cover bracket
10	W520411	LH engine appearance cover bracket nuts (2 required)

Item	Part Number	Description
11	W520411	Oil level indicator and tube
12	6754	Oil level indicator nut
13	6B033	O-ring seal

**Fig. 20: Identifying Engine Components (3 Of 4)**  
 Courtesy of FORD MOTOR CO.

## 2005 Ford Thunderbird

2005 ENGINE Engine - Thunderbird



N0050195

Item	Part Number	Description
14	6050	LH valve cover bolt (10 required)
15	6083	LH valve cover stud (4 required)
16	6582	LH valve cover
17	6083	LH valve cover gaskets

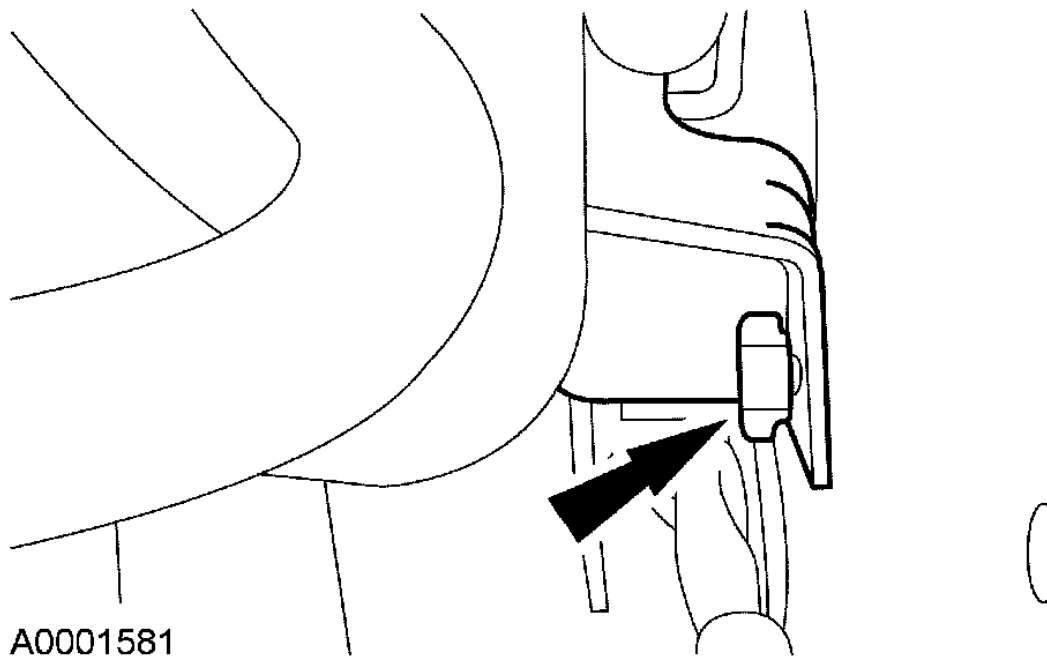
**Fig. 21: Identifying Engine Components (4 Of 4)**  
Courtesy of FORD MOTOR CO.

### Removal

**CAUTION:** During engine repair procedures, cleanliness is extremely important. Any foreign material, including any material created while cleaning gasket surfaces that enters the oil passages, coolant passages or the oil pan, can cause engine failure.

1. Release the fuel system pressure. For additional information, refer to **FUEL SYSTEM-GENERAL INFORMATION** .
2. Disconnect the battery ground cable. For additional information, refer to **BATTERY, MOUNTING AND CABLES** .
3. Remove the air cleaner. For additional information, refer to **INTAKE AIR DISTRIBUTION & FILTERING** .
4. Remove the LH ignition coil-on-plugs. For additional information, refer to **ENGINE IGNITION** .

5. Disconnect the fuel tube spring lock coupling at the fuel rail. For additional information, refer to **FUEL SYSTEM-GENERAL INFORMATION** .
6. Disconnect the variable cam timing (VCT) solenoid electrical connector.
7. Detach the vacuum harness retainers from the LH engine appearance cover bracket.
8. Detach the 4 wiring harness retainers and position the wiring harness aside.
9. Remove the 2 nuts and the LH engine appearance cover bracket.
10. Disconnect the crankcase ventilation tube from the valve cover.
11. Disconnect the evaporative emissions (EVAP) hose from the intake manifold.
12. Loosen the upper power steering fluid reservoir isolator bolt.
13. Loosen the lower power steering fluid reservoir isolator bolt.
14. Lift the power steering fluid reservoir upward, off the isolators, and position aside.
15. Remove the bolt and the oil level indicator tube.
  - Discard the O-ring seal.
16. Remove the fuel hose bracket bolt from the LH shock tower.



**Fig. 22: Locating Fuel Hose Bracket Bolt At Left Shock Tower**  
Courtesy of FORD MOTOR CO.

17. Loosen the bolts and position the power steering pump reservoir aside.