

2005 Ford Taurus SEL

2005 ENGINE Engine - 3.0L (2V) - Taurus & Sable

2005 ENGINE**Engine - 3.0L (2V) - Taurus & Sable****SPECIFICATIONS****GENERAL SPECIFICATIONS****GENERAL SPECIFICATIONS**

| Item | Specification |
|--|-------------------------------------|
| Lubricants and Sealants | |
| SAE 5W-20 Premium Synthetic Blend Motor Oil XO-5W20-QSP | WSS-M2C153-H |
| Silicone Gasket and Sealant F7AZ-19554-EA | WSE-M4G323-A4 |
| Pipe Sealant with Teflon® D8AZ-19954-A | WSK-M2G350-A2 |
| Gasket Maker F8AZ-19B508-AB | WSK-M2G348-A5 |
| Weatherstrip Adhesive E8AZ-19552-A | ESB-M2G14-A |
| Engine | |
| Displacement | 3.0L |
| Number of cylinders | 6 |
| Bore | 89.0 mm (3.50 in) |
| Stroke | 80.00 mm (3.14 in) |
| Firing order | 1--4-2--5-3--6 |
| Oil pressure (Hot 2,500 rpm) | 276--414 kPa (40--60 psi) |
| Oil capacity | 4.25 L (4.5 qts) with filter change |
| Cylinder Head and Valve Train | |
| Combustion chamber volume | 47.1--50.1 cm (2.874 in) |
| Valve guide bore diameter | 7.042--7.017 mm (0.2772--0.2763 in) |
| Valve stem diameter -- intake (standard) | 6.971--6.991 mm (0.2744--0.2752 in) |
| Valve stem diameter - exhaust (standard) | 6.959--6.979 mm (0.2740--0.2748 in) |
| Valve stem diameter - oversize (intake) | 7.351--7.371 mm (0.289--0.290 in) |
| Valve stem diameter - oversize (exhaust) | 7.339--7.359 mm (0.289--0.290 in) |
| Valve stem diameter - oversize (intake) | 7.731--7.751 mm (0.304--0.305 in) |
| Valve stem diameter - oversize (exhaust) | 7.719--7.739 mm (0.304--0.305 in) |
| Valve stem-to-guide clearance - intake | 0.026--0.071 mm (0.001--0.0028 in) |
| Valve stem-to-guide clearance - exhaust | 0.038--0.083 mm (0.0015--0.0033 in) |
| Valve head diameter - intake | 40.0 mm (1.57 in) |
| Valve head diameter - exhaust | 33.0 mm (1.30 in) |
| Valve face runout | 0.05 mm (0.002 in) |
| Valve face angle | 45 degrees |
| Valve seat width - intake | 1.5--2.0 mm (0.06--0.08 in) |
| Valve seat width - exhaust | 2.0--2.5 mm (0.08--0.10 in) |