

# 1989-1995 Taurus SHO 60,000/100,000 Mile Service Checklist

Owner: \_\_\_\_\_ Date: \_\_\_\_\_ Location: \_\_\_\_\_ SHO: Year \_\_\_\_\_ [ ] 3.0L [ ] 3.2L

## 1) Timing Belt Change – Parts [ ] N/A

- Timing belt
- Accessory belt(s)
- Water pump, rebuilt
- Water pump gasket set
- Lower radiator hose
- Crankshaft position sensor
- Front main crankshaft oil seal

## 2) Timing Belt Change – Tools [ ] N/A

- Copy of procedure instructions
- Floor jack to lift car for wheel removal and jack stand to support car with wheel removed
- Crankshaft damper puller set
- 5mm, 18" long T-handle Allen wrench for serpentine belt tension screws (3.0L)
- 6mm Allen wrench socket to pivot timing belt tension pulley (3.0L)
- Wire brush, black spray paint and hanger wire to refinish battery tray and hold down bracket (if required)
- C-clamp and wood block to secure damper and compress timing belt tensioner piston (3.2L)
- 1/16" drill bit to pin tensioner piston in compressed position (3.2L)

## 3) Valve Gap Adjustment – Parts [ ] N/A

- Shim set, 2.300mm to 2.750mm thickness approx. (see Tools)
- Spark plugs gapped 0.042" (0.042-0.046")
- Spark plug wires
- Valve cover seals and plug well seals
- Intake manifold gaskets
- Thermostat
- Spare bulk vacuum, coolant and PCV hoses if necessary

## 4) Valve Gap Adjustment – Tools [ ] N/A

- Copy of procedure instructions
- Valve Clearance Worksheet, calculator and pencil to determine valve gaps and document shims installed
- One gallon container and 6" long, 1/4" ID tube and funnel for draining/refilling of radiator
- 5mm Allen socket to remove/install valve cover bolts
- Valve adjustment tool set with shims, tappet compressor, tappet holder and shim pick
- Feeler gauge set(s) (0.10 – 0.40mm) for valve gap measurements and plug gapping
- Vacuum pump to remove oil from spark plug wells
- Tape (packing) to cover intake ports to prevent access of foreign objects
- Oil to lubricate shims during installation
- Permatex Ultra Grey Sensor Safe Sealant for valve cover gaskets
- Anti-Seize lubricant for spark plug threads
- Dielectric grease for spark plug wire boots

## 5) Common Tools

- Socket wrench set with 5/8" spark plug socket, 19mm impact socket, socket extensions
- Tool box with box end wrench sets, screwdrivers, needlenose and channel lock pliers
- Torque wrenches: 18" long 1/2" drive and 10" long 3/8" drive
- Cordless drill driver set with bits and adapters
- Intake cleaner to clean intake, valve covers, IAC valve, timing belt covers, etc. (4 cans minimum)
- EEC code test procedure, jumper and two ('89-'91) or three ('92-'95) digit code descriptions
- Flashlight, snake light (spare C cells) and shop light with extension cord
- Fender apron, shop towels (2 rolls min) and cloth towels for fender and engine protection
- Gloves: Surgical rubber for hand protection (at least 5 pair)
- Dremel tool set for small repairs and drilling out old crankshaft and camshaft seals
- Box of adhesives, greases and sealants for miscellaneous repairs
- Bag of various plastic automotive fasteners to replace missing or damaged parts
- Chilton's Service manual
- Hand Cleaner