

## **Tools to take with you**

Digital Camera  
Inspection Mirror  
Creeper  
Jack  
Jack Stands  
Bright Mini Flashlight and batteries  
Tread Depth Gauge  
Compact Disc with music on it.  
Wristwatch  
OBDII Code Reader

## **Interior**

Operate all controls in the vehicle and verify they are functioning in every way. (don't forget Headrests and Steering Wheel adjustments)

Run Diagnostic Test Sequence on Climate Control System.

Check all exterior lights.

Check Operation of Mirrors

Operate Air Conditioning and verify outlet temp.

Operate Heater and Defroster.

Check all Seat Heaters Front and Rear.

Check Armrest Cupholder and verify it's not broken.

Operate Wiper and Washer. Check for smooth operation and even delay time. Erratic Operation is a problem to watch for.

Check Headliner. Make sure fabric is not separating.

Check condition of all wood trim. Some clearcoat cracks are normal. Split wood is another issue.

Check condition of seating surfaces

Verify function of power seats and lumbar support.

Key Count is 2 Black, 1 Green and 2 Keyfobs. (note: \$300 if 1 key is missing)

Verify that all 3 keys Start the car.

Check the function of both remotes.

Verify the radio unlock code is known.

Verify function of CD Player

Turn up the volume and listen for bad speakers.

Verify Power Antenna Function.

Verify Subwoofer function and sound.

Check Function of Navigation System.

Verify the clock works and keeps time.

Check function of 2 Black Keys in Glove Box Lock.

Check Rear View Mirror for discoloration.

### **Exterior**

Check all painted surfaces and look for inconsistencies in gaps and paint.

Check body panels and note all damage.

Check condition of windshield.

Check Door, Trunk and Hood Jambs for evidence of paint overspray.

Check every body panel for the factory Jaguar VIN tag. Verify last 4 digits. The hood, decklid, doors and bumper beams will have tags if the panels are original.

Check the function of all 3 Keys (2 Black and Valet) in Door Lock and Trunk Lock.

### **Underhood**

Let Owner know the car must be Stone Cold when you get there. You want to do a cold start and check for Valvetrain Noise. Verify temp of engine, then start. If it rattles it needs Timing Chain Tensioners.

Once cold started turn around and verify it did not spew a cloud of blue smoke.

Check Message Center for Restricted Performance, ABS or Traction Control Faults.

Remove Oil Cap and Dipstick to look for sludge buildup. Peer down in valve cover and look at the valvetrain. Is it clean or a carmel brown? Any sludge?

Check Valve Cover Breather Hoses and look for sludge inside or if it's full of oil.

Remove the Intake Air Inlet Hose and look for sludge or if it's dripping with oil.

Check throttle body for buildup of sludge.

Check MAF for buildup of sludge.

Check Air Filter for evidence of oil.

For a Nicasil Engine check for Blow By. (Remove oil cap on warm running engine and look for excessive oil vapor or moisture)

Verify whether engine has Nicasil or Steel Lined cylinders. Engine Date Code should be after 00 08 18 1043. Engine date code is on a vertical rib on the left side of the Block. It's located above the Pinion Housing of the Steering Rack.

Verify Water Pump has been replaced.

Verify Thermostat Housing is Aluminum.

Verify Thermostat has been replaced.

Look for Gasket Leaks (eg. Valve Cover)

Verify Timing Tensioners have been replaced.

Verify Throttle Body Replacement

Verify if Engine was replaced.

If Engine is a Remanufactured unit it should have Blue Temp Strips on the rear of the Cylinder Heads. Try to view with an inspection mirror and the flashlight.

Check condition of Engine Mounts. (leaking)

Check OBDII system for stored fault codes.

## **Underbody**

Verify tread depth and that tires are worn evenly. (poss. Wheel Bearing issues)

Check condition of wheels. Curbed? (\$100.00+ each to refinish)

Look at brake rotors. High ridges on outer edge tell you they are worn.

Look for Transmission Leaks

Verify if Transmission was replaced.

Look for Differential Leaks

Verify Differential Service.

Verify Trans Fluid has been drained and refilled.

Verify Wheel Bearings have been replaced.

Look for rust under all footwells.

Look for evidence of car being bottomed out.

Check condition of ball joints and tie rods. (loose, damaged boots)

Check condition of shocks. (leaking)

Check Front Upper Shock Mounts. (Isolator Material Breaking Down)

Check condition of Sway Bar Bushings (clunk in front end)

Check condition of Exhaust System.

### XK8 XKR Convertible Top

Verify that windows index down when Door Handles are operated and return when doors close.

Verify function of Convertible Top.

Condition of Convertible Top Fabric, Pump Cylinders, Top Latches, Hoses for Top Latches, and other Hoses.

