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**KNOWLEDGEBASE ARTICLE:**

# **Porsche Pre-Purchase Inspection Recommendations**

**Test Drive.****Check Engine Oil Level.****Control Module Interrogation (If applicable):**

- Run Suitable Tester & print all fault codes and applicable data
- Check for any Range #2 (9X6) or #4-6 (9X7) over revs.
- Check POSIP (airbag) for any occurrences-incident history (If no accidents, these should be all 0's)
- Check production date of POSIP Control Unit (Compare to vehicle production date)
- Check for any valve train inconsistencies- Deviation (Deviation= Actual vs. Nominal)
- Check TPMS wheel electronics battery age or battery specification condition (20 Months minimum)
- Check DME Operating hours (Divide mileage by operating hours= Should be around 25-35 AVG/MPH)
- 993- Perform secondary air injection test for rough idea of valve guides condition.
- Check OBD-II monitors for ready status. Could indicate recent reset of the Check Engine Light.

**Engine Oil Filter Inspection:** (Remove, cut engine oil filter open and inspect for debris)

**Engine Oil Pan Inspection:** (Remove engine oil pan and inspect for debris on all 9X6's & 9X7's)

**Accident Damage/Body and Chassis Check Over:**

- Check over car complete for any accident damage.
- Remove tail light and headlight assemblies, remove all front trunk carpeting including spare wheel, remove front cowl area covers and remove all 4 wheelhouse liners if applicable, all in an effort to further inspect for any accident or repaint damage.
- Use electronic paint thickness gauge and check all panels for any inconsistencies.
- Inspect all paint visually for any inconsistencies.

**Mechanical check over:**

- Inspect car thoroughly mechanically.
- Inspect for any new suspension bits.
- Inspect car for engine or gearbox replacement.
- Inspect car completely and note all suspect, detected and observed items. All these items should be itemized and given to the client requesting (paying) for the Pre-Purchase Inspection.
- Perform Engine leak down and compression tests. Document all details on paperwork and invoice.

**Other:**

- Are there any Recalls and or open Campaigns?
- 997 Voltage drop issue usually caused by the Battery-Charging system cables- X3.
- Check Gearbox oil condition during road-test.
- Brake fluid condition with moisture measurement tool.
- Fuel trim values analyzed.
- OBD II Ready status reached for 993 models.
- Option numbers to determine build sheet.

- CBS data analyzed and noted for BMW Automobiles.

**Final evaluation and consultation:**

Document all results, email photos and data to prospective client; discuss all data with client during a telephone call or in person in an effort to help the client make an educated decision.