

IMS Solution Worksheet

Shop Name _____

Customer Name _____ **Mileage** _____ **Vin** _____

Vehicle model _____ **IMSS Serial number:** _____ **Engine #** _____

Test drive

Check engine oil and coolant level and inspect for contamination (intermix) Initial here _____

Control module interrogation

Run PIWIS (or similar) Tester & print all fault codes (to be submitted to IMS Solution).

- a) Check for any Range #2 or #4-6 over revs.
- b) Check for any valve train inconsistencies (Deviation= Actual vs. nominal)
- c) Check OBD-II monitors for ready status
- d) If there are any pre-existing conditions requiring repair, these issues must be resolved prior to carrying out any elective IMS procedure.

Initial here _____

Mechanical check over

- a) Inspect car for engine replacement
- b) If engine has chain noise at start-up, replace tensioners.
- c) If engine has noisy lifters, make note and advise replacement.
- d) Perform manometer test on AOS.
- e) Any mechanical issues should be addressed as to not compromise IMS Solution procedure.
- f) Check spark plugs. If any are oil fouled, scope cylinders for damage and perform engine leak down and compression tests. FYI: Scored cylinders may sound like bad lifters.

Initial here _____

Drain engine oil. Collect used oil sample using provided oil sample bottle. Initial here _____

TAKE PHOTOS OF FOLLOWING INSPECTION AREAS:

Engine oil filter inspection (Remove, cut engine oil filter open and inspect for debris)

Engine oil pan & magnetic drain plug inspection (Remove engine oil pan and inspect for debris)

If any debris is found, do not carry out any IMS procedure of any kind. Engine disassembly is advised.

Initial here _____

IMS Check

- a) Check existing IMS bearing condition.
 - a. If bearing is failing, advise customer that complete teardown is advised due to foreign object debris which may lead to future failure.
 - b. If bearing has failed, under no circumstances should any procedure be carried out.

Initial here _____

Oil fill

Fill engine with appropriate 5w40 lubricant. 0w40 viscosities can be used for winter cold-climate service only. Higher viscosity oils are not recommended. *We recommend Joe Gibbs DT40.* Initial here _____

Test Drive

Check for oil leaks after at full operating temperature. **Photograph completed install.** Initial here _____

Final evaluation and consultation

Email photos to info@theimssolution.com with subject including IMSS serial #.

Return original bearing, used oil sample, completed worksheet, and copy of detailed invoice for repairs to IMS Solution LLC, PO Box 402, Momence IL 60954 for Initial here _____

Tech Name & Signature _____ Date ____/____/____

I declare under penalty of perjury, that all statements contained in this application and any accompanying documents is true and correct, with full knowledge that all statements made in this application are subject to investigation and that any false or dishonest answer to any question may be grounds for denial or subsequent revocation of any current or future claims.