Parts Inventory Report

The Request:

Critical parts suppliers are requested to provide physical inventory levels of critical hardware to the surveillance panels on a biannual basis at minimum. This applies to fuel suppliers, OEM’s and CPD’s that supply inventory components that can cause a test interruption. The information will be used by the surveillance panels for the purpose of planning ahead and properly managing any potential influence on testing availability.

1. Each Surveillance Panel is responsible for determining parts to be reported, i.e., create the list. For example, the highlighted items below may be difficult or not necessary to report because of supply chain issues.

1. Reporting frequency is requested be quarterly but no longer than every six months.
2. All designated suppliers are requested to supply inventory levels.
	1. At this point a supplier has stated they will not provide exact inventory levels due the commercial issues associated with this request. They will solicit labs for their critical parts consumption rates and will estimate the life of that component based on the survey. This resulting time estimate will be forwarded on to the surveillance panel.
3. Some panels are already getting reports from their suppliers but an official request will be made to all surveillance panels by the TGC Chairman. Each panel will then advise suppliers to provide the information.

Sequence IIIH Inventory Report

**TABLE 1 Control-System/Engine-Interface Components**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Component Description | Part Number | Supplier | Estimated AnnualConsumption per SP | Supplier has Minimum6-monthInventory Y or N | Comments |
|  Pump, water, modified, Seq. IIIH Chrysler | OHT3H-300-1 | OH TechnologiesA |  |  |  |
|  Coolant crossover, Seq. IIIH Chrysler | OHT3H-302-1 | OH Technologies |  |  |  |
|  Adapter, coolant crossover, Seq. IIIH Chrysler | OHT3H-303-1 | OH Technologies |  |  |  |
| Jumper, harness segment, throttle control, Seq. IIIH Chrysler | OHT3H-004-1 | OH Technologies |  |  |  |
|  Harness, dyno, Seq. IIIH Chrysler | OHT3H-005-1 | OH Technologies |  |  |  |
|  Air cleaner (optional) | 04861729AB | Chrysler Dealer |  |  |  |
|  Air resonator | 04861731AB | Chrysler Dealer |  |  |  |
|  Air hose (optional) | 04861732AB | Chrysler Dealer |  |  |  |
|  Throttle pedal (optional) | 68043161AB | Chrysler Dealer |  |  |  |
|  Starter | 56029852AA | Chrysler Dealer |  |  |  |
|  O2 sensor | 56029050AA | Chrysler DealerB |  |  |  |
|  Powertrain control module (PCM)  | RL150588AC | Chrysler Dealer |  |  |  |
|  Manual flywheel (2013 JK) | 05184438AB | Chrysler Dealer |  |  |  |
|  J-TEC blowby meter | VF563AA | J-Tec Associates, Inc. |  |  |  |
|  Blowby canister | CCV6000 | J-Tec Associates, Inc. |  |  |  |

**TABLE 2 Engine-Build Parts List**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Part Name | Quantity per Test | Part Number | Required Supplier | Estimated AnnualConsumption per SP | Supplier has Minimum6-monthInventory Y or N | Comments |
|  Test engine, 2014 3.6L Pentastar RT | 1 | 05184464AH | MoparC |  |  |  |
|  Cylinder head – Left (MS Seed/MC Core) | 1 | LH451AO-MSD | International Machine Tool & Service (IMTS)D |  |  |  |
|  Cylinder head – Right (MS Seed/MC Core) | 1 | RH516AO-MS | International Machine Tool & Service (IMTS) |  |  |  |
|  Piston, special test | 6 | OHT3H-070-1 | OH Technologies, Inc. |  |  |  |
|  Head gasket, right | 1 | 05184456AH | Chrysler Dealer |  |  |  |
|  Head gasket, left | 1 | 05184455AI | Chrysler Dealer |  |  |  |
|  Head bolts | 8 | 06509564AA | Chrysler Dealer |  |  |  |
|  Rod bolts | 12 | 06509128AA | Chrysler Dealer |  |  |  |
|  Exhaust flange gasket (cylinder head to exhaust) | 2 | 68093232AA | Chrysler Dealer |  |  |  |
|  Piston ring pack: | 1 |    | OH Technologies, Inc. |  |  |  |
|       Ring, special test, UCR (0.025 mm gap, 96.040 mm bore) |    | 3H96040-TOP | OH Technologies, Inc. |  |  |  |
|       Ring, special test, LCR (0.035 mm gap, 96.040 mm bore) | 3H96040-SECOND | OH Technologies, Inc. |  |  |  |
| Expander, Seq. IIIH   | 3H96040-EXP | OH Technologies, Inc. |  |  |  |
| Rail, Seq. IIIH   | 3H96040-RAIL | OH Technologies, Inc. |  |  |  |
|  Pin, wrist, piston | 6 | OHT3H-071-1 | OH Technologies, Inc. |  |  |  |
|  Clip, piston, wrist pin | 12 | OHT3H-072-1 | OH Technologies, Inc. |  |  |  |
|  Phaser, intake (fixed at 100°, less rotor holes) | 2 | OHT3H-001-1 | OH Technologies, Inc. |  |  |  |
|  Phaser, exhaust (fixed at 112°, less rotor holes) | 2 | OHT3H-002-1 | OH Technologies, Inc. |  |  |  |
|  Oil pan | 1 | OHT3H-304-2 | OH Technologies, Inc. |  |  |  |
|  Gasket, Oil Pan | 1 | OHT3H304-18 | OH Technologies, Inc. |  |  |  |
|  Seal, Valve Guide | 24 | 5184168AB | Chrysler Dealer |  |  |  |

**TABLE 3 Control Parts for the Fluid Control Module (FCM)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Part Name | Supplier | Part Number | Description | EstimatedAnnualConsumption per SP | Supplier has Minimum6-monthInventory Y or N |
|  2-way coolant flow control valve | Badger Meter Inc. | 9003GCW36SV3A29L36 |  2 in., 2-way air to close |  |  |
|  Heat exchanger | Kinetic Engineering Corp. |    |  Elanco M-71-FL heat exchanger |  |  |
|  Coolant micromotion Coriolis flow meter | Micro Motion Inc. | 9003TCW36SV3AXXL36 |    |  |  |
|  3-way coolant temperature control valve | Badger Meter Inc. | 9003TCW36SV3AXXL36 |  2 in. Globe cast 3-way wafer -NPT316/316L stainless, size 35 actuator air to  close 3 psi to 15 psi 3 springs |  |  |
|  Oil temperature control valve | Badger Meter Inc. | 1002GCN36SVCSALN36 |  1/2  in. 2-way Research valve, A-trim |  |  |
|  Drive shaft | ?? |    |  Driveshaft w/1410 U-Joints |  |  |

A Contact person

B Contact person

C Contact person

D Contact person