

# American Expedition Vehicles

## Bill of Materials

40306073AA - Hemi Mopar Engine Build Out Kit, 6.4 Auto, 2012+ (Challenger Motor)

Item - Description	Type	Qty	
P-6504344 - Bolt, Alternator	Standard	1	ea
P-6101985 - Bolt, Alternator	Standard	13	ea
P-5290778AA - Power Steering Pump	Standard	1	ea
P-6102184AA - Bolt, Power Steering Pump	Standard	3	ea
53013676AC - Belt, Accessory Drive - All Hemis	Standard	1	ea
P-6104214AA - Bolt, Engine Mount	Standard	8	ea
P-6508081AA - Bolt, Engine Mount to Frame	Standard	2	ea
P-6502585 - Nut, Engine Mount to Frame	Standard	2	ea
P-52090304AG - Engine Mount WK	Standard	1	ea
P-52090305AG - Engine Mount WK	Standard	1	ea
P-6104426AA - Manifold Bolts	Standard	4	ea
P-56029049AA - O2 Sensors	Standard	4	ea
P-6503231 - Flag Nuts	Standard	4	ea
P-5037774AB - Air Intake Hose	Standard	1	ea
P-5037692AA - Oil Pan Gasket - Hemi (A580) - For 5037685AA Oil Pan	Standard	1	ea
P-56043078AD - Ground Strap	Standard	1	ea
P-6508066AA - Bolt, Oil Pan	Standard	1	ea
P-5037685AA - Oil Pan - Hemi (A580)	Standard	1	ea
P-56044380AJ - Alternator	Standard	1	ea
P-53022412AA - Pulley, Crank	Standard	1	ea
P-53022095AF - Water Pump	Standard	1	ea
P-5037757AA - Dipstick Hemi (A580)	Standard	1	ea
P-5149008AA - Sensor, Hemi Engine Oil Temp.	Standard	1	ea
P-53013858AD - Manifold, 5.7 VVT Exhaust, RH	Standard	1	ea
P-53013857AD - Manifold, 5.7 VVT Exhaust, LH	Standard	1	ea

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Item - Description	Type	Qty	
P-53021522BD - Oil Pickup Tube, VVT	Standard	1	ea
P-6506333AA - Bolt w/ stud, Oil Pickup	Standard	1	ea
P-5037683AB - Dipstick Tube, Hemi (A580)	Standard	1	ea
P-53021536AC - Housing, Thermostat - 5.7L Hemi	Standard	1	ea
P-4884899-AB - OIL FILTER	Standard	1	ea
P-6505316AA - Nut, 5.7L Exhaust Manifold Heat Shield	Standard	8	ea
P-53032968AD - Heat shield, 5.7 VVT, Exhaust	Standard	2	ea
P-6507746AA - Bolt, 5.7L Exhaust Manifold	Standard	9	ea
P-6102381AA - Bolt, Hemi Tensioner Pulley	Standard	1	ea
P-4861660AA - Tensioner	Standard	1	ea
P-6506272AA - Bolt, Main Bearing Cap (torque to yield)	Standard	1	ea
P-5038380AD - Cover, 6.4 Engine, RH	Standard	1	ea
P-R8004096AB - Torque Converter 5.7 w/ A580	Standard	1	ea
P-6509544AA - Stud, double ended, 5.7 VVT exhaust	Standard	8	ea
P-5038381AD - Cover, 6.4 Engine, LH	Standard	1	ea
P-6102041AA - Bolt, Oil Filter Adapter	Standard	3	ea
P-53021661AA - Oil Filter Adapter O-Ring Outer	Standard	1	ea
P-5030023AA - Starter, Hemi Starter for A580 Transmission	Standard	1	ea

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Item - Description	Type	Qty	
P-53013680AD - Adapter, Oil Filter	Standard	1	ea
P-52108422AA - Bell Housing - Hemi (A580)	Standard	1	ea
P-68034382AB - TIPM Bracket, JK	Standard	1	ea
P-52108397AA - Vent, A580 Transmission Bellhousing	Standard	1	ea
P-52079789AB - Clip, trans cooler line	Standard	1	ea
P-RL111401AF - 3.8L AC Compressor (2007-2011 vehicles)	Standard	1	ea
P-53013573AB - Intermediate Plate - Hemi (A580)	Standard	1	ea
P-68058693AB - 3.8L Battery Wiring Harness	Standard	1	ea
P-52126097AC - 3.8L Evap Line (engine to solenoid)	Standard	1	ea
P-6022266 - Bolt, Bell Housing	Standard	4	ea
P-52059775AF - 3.8L Evap Line (solenoid to fuel tank)	Standard	1	ea
P-5045496AA - Gasket, Exhaust Manifold RH	Standard	1	ea
P-6504785 - Bolt, Dipstick Tube	Standard	1	ea
P-5149230AA - Crank Position Sensor, 5.7L & 6.4L VVT	Standard	1	ea
P-5037892AA - Structural Dust Cover, A580 Trans	Standard	1	ea
P-55056590AD - 3.8L Heater Hoses, both	Standard	1	ea
P-05045495AA - Gasket, Exhaust Manifold 5.7 VVT, LH	Standard	1	ea
P-6036455AA - Bolt, hex head (Engine Bolt)	Standard	2	ea