

# Wrench Services Checklist

## Chassis

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### Brakes and Traction Control

- » Bleed Brakes
- » Brake Adjustment
- » Brake Booster Unit Replacement
- » Brake Caliper Replacement
- » Brake Drum Replacement
- » Brake Fluid Flush
- » Brake Line Replacement
- » Brake Master Cylinder Replacement
- » Brake Pads Replacement
- » Brake Pedal Linkage Lubrication
- » Brake Rotor Replacement
- » Brake Safety Inspection
- » Brake Shoes Replacement
- » Check Brake Fluid Level
- » Parking Brake Cable Replacement
- » Parking Brake Switch Replacement

### Diagnostic

- » Car Running Rough
- » Car Won't Start
- » Check Engine Light
- » Diagnostic
- » Fluids Are Leaking
- » Used Car Inspection
- » Warning Light

### Engine, Cooling, Exhaust

- » Camshaft Position Sensor Replacement Intake and Exhaust
- » Carburetor Replacement
- » Catalytic Converter Replacement
- » Check Engine Oil Level
- » Coolant Drain and Fill
- » Cooling Fan Replacement
- » Cooling System Drain and Fill
- » Crankshaft Position Sensor Replacement
- » Distributor Cap Replacement
- » Distributor Replacement
- » Drive Belt Replacement
- » Drive Belt Tensioner Replacement
- » EGR Valve Replacement
- » Emissions Failure Repair
- » Engine Coolant Temperature Sensor Replacement
- » Engine Mount Replacement
- » Engine Oil and Filter Change
- » Engine Oil Pressure Sensor Switch Replacement
- » Engine Tune-up
- » Exhaust Camshaft Position Sensor Replacement
- » Exhaust Manifold Gasket Replacement
- » Exhaust System Replacement
- » Expansion Tank Replacement
- » Fan Shroud Assembly Replacement
- » Fan Shroud Replacement
- » Freeze Plug Replacement
- » Front Pipe Replacement
- » Harmonic Balancer Replacement
- » Idle Control Valve Replacement
- » Ignition Wire Set Replacement
- » Intake Camshaft Position Sensor Replacement
- » Intake Manifold Gasket Replacement
- » Manual Transmission Oil Level Check
- » Oil Pan Gasket Replacement
- » Radiator Fan Assembly Replacement
- » Radiator Fan Motor Replacement
- » Radiator Hose Replacement
- » Radiator Replacement
- » Serpentine Belt Replacement
- » Tail Pipe Replacement
- » Thermostat Replacement
- » Timing Belt Replacement
- » Valve Cover Gasket Replacement
- » Water Pump Replacement



## External Vehicle Parts .....

- » Antenna Mast Replacement
- » Door Lock Replacement
- » Door Weather Stripping Replacement
- » Emblem Replacement
- » Energy Absorber Replacement
- » Engine Splash Shield Replacement
- » Fuel Tank Cap Replacement
- » Grille Insert Replacement
- » Header Panel Replacement
- » Headlight Door Replacement
- » Hood Strut Replacement
- » License Plate Bracket Replacement
- » Metal License Plate Bracket Replacement
- » Mirror Glass Replacement
- » Power Seat Switch Replacement
- » Rear Distance Sensor Replacement
- » Rear Lift Gate Locking Mechanism
- » Splash Guard Backing Plate Replacement
- » Trunk Strut Replacement

## Maintenance .....

- » Fuse Replacement
- » Scheduled Maintenance - 30K, 60K, 90K, etc.
- » Tire Rotation

## Heating and Air Conditioning .....

- » A/C Compressor Replacement
- » A/C Condenser Replacement
- » A/C Evacuate and Recharge
- » A/C Line or Hose Replacement
- » A/C Recharge
- » Blower Motor Resistor Replacement
- » Cabin Air Filter Replacement
- » Defroster Grid Repair
- » Heater and A/C Blower Motor
- » Heater Core Hoses Replacement
- » Heater Core Replacement
- » HVAC Blend Door Actuator Replacement
- » HVAC Blower Motor Resistor Replacement
- » HVAC Electronic Control Module Replacement

## Powertrain .....

- » Air Filter Replacement
- » Fuel Filter Replacement
- » Fuel Injector Replacement
- » Fuel Pressure Regulator Replacement
- » Ignition Coil Replacement

## Lighting and Horns .....

- » Brake Light Bulb Replacement
- » Brake Light Switch Replacement
- » Corner Light Bulb Replacement
- » Fog Light Assembly Replacement
- » Headlight Assembly Replacement
- » Headlight Bulb Replacement
- » Headlight Cover
- » Headlight Switch
- » Park Light Assembly Replacement
- » Side Marker Light Assembly Replacement
- » Tail Light Assembly Replacement
- » Tail Light Bulb Replacement
- » Turn Signal Bulb Replacement
- » Turn Signal Light Assembly Replacement
- » Turn Signal Switch Replacement



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**Starting and Charging** .....

- » Alternator Belt Replacement
- » Alternator Replacement
- » Battery Cable Battery Terminal End Service
- » Battery Cable Replacement
- » Battery Replacement
- » Ignition Switch Replacement
- » Starter Replacement

**Steering and Suspension** .....

- » ABS Control Unit Replacement
- » Ball Joint Replacement
- » Check Power Steering Fluid
- » Check Tire Pressure
- » Control Arm Replacement
- » Outer Tie Rod End Replacement
- » Power Steering Fluid Drain and Fill
- » Power Steering Fluid Replacement
- » Power Steering Hose Replacement
- » Power Steering Pump Replacement
- » Shock Absorber Replacement
- » Strut Assembly Replacement
- » Wheel Bearing Replacement
- » Wheel Cylinder Replacement
- » Wheel Hub Assembly Replacement

**Tires** .....

- » Flat Tire Repair
- » New Tire Installation
- » Tire Mount and Balance
- » Tire TPMS Valves and Stems

**Transmission and Drivetrain** .....

- » Axle Assembly Replacement
- » CV Axle Assembly Replacement
- » CV Joint Boot Replacement
- » CV Joint Replacement
- » Driveshaft Replacement
- » Transfer Case Fluid Replacement
- » Transmission Fluid Change

**Wash and Detail** .....

- » Car Wash
- » Detailing

**Window and Glass** .....

- » Power Window Switch Replacement
- » Window Belt Strip Replacement
- » Window Regulator with Motor Replacement

**Wiper and Washer System** .....

- » Washer Pump Replacement
- » Windshield Wiper Blades Replacement
- » Windshield Wiper Motor Replacement

**Other** .....

- » Key and Locksmith
- » Towing and Roadside Assistance



## Conversion

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### Power Door System .....

- » Adjust Door and/or Limit Switches
- » Check Door Cable
- » Check Door Operation
- » Check Lower/Middle/Upper Rollers
- » Inspect Normal Wear Items in Door
- » Replace Lower/Middle/Upper Rollers

### Manual Door System .....

- » Check Lower/Middle/Upper Rollers
- » Inspect Normal Wear Items in Door
- » Inspect Lower Sliding Door Tracks and Clear Debris
- » Replace Lower/Middle/Upper Rollers

### PowerKneel System .....

- » Clean and Lubricate Kneel Chain Mechanism
- » Inspect Kneel Switches
- » Inspect PowerKneel System for Loose Fittings, Alignment and Abnormal Wear
- » Verify PowerKneel Override Operation is Functional

### Power Ramp System .....

- » Check SureDeploy System Operation and Battery
- » Clean and Lubricate Ramp Rails and Drive Screw
- » Inspect and Clean Ramp Sensors and Limit Switches
- » Inspect Ramp Mechanism for Loose Fittings, Alignment and Abnormal Wear

- » Inspect Ramp Sides and Bottom for Damage
- » Replace Drive Belt
- » Remove Floor Plate and Inspect Ramp Operation
- » Replace Normal Wear Items

### Manual Ramp System .....

- » Inspect and Replace Rubber Bumpers
- » Inspect Ramp Mechanism for Loose Fittings, Alignment and Abnormal Wear
- » Inspect Ramp Sides and Bottom for Damage
- » Lubricate Ramp Hinges
- » Remove Floor Plate and Inspect Ramp Operation
- » Replace Normal Wear Items

### Undercarriage .....

- » Check Under Carriage for Corrosion and Damage
- » Check Exhaust System for Corrosion and leaks
- » Check Engine Drop, Fuel Tank, Rear Suspension is Tight and Undamaged
- » Check Fuel and Evap System for Leaks

### Conversion Electrical .....

- » Check Electrical Connection at Battery for Corrosion
- » Check Conversion Grounds
- » Check Conversion Fuses
- » Troubleshoot// Replace VMI Computer System
- » Perform Battery Draw test



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