

Uson builds proven test solutions for automotive and OEM manufacturers worldwide. Our experienced and knowledgeable engineers ensure each customer receives increased production throughput, test sensitivity, and repeatability.

Ask your Uson representative about these and other automotive related applications. Our dedication to provide leak and flow test solutions to the automobile industry and automotive parts manufacturing world is unsurpassed.



Vector

Power Steering

- Steering gears
- Power steering pumps
- Power steering cylinders
- Power steering housings
- Power steering reservoirs

Cylinder Heads

- Cup plugs
- Water jackets
- Valve keepers
- Combustion chambers
- Oil cavities and galleries
- Intake and exhaust runners
- EGR passage leak and flow

Emission Controls

- Filters
- Mufflers
- Manifolds
- Restrictors
- Exhaust piping
- Oxygen sensors
- Exhaust manifolds
- EGR and purge valves
- Thermal vacuum switches

Lamps and Lenses

- Tail lamps
- Head lamps
- Marker lights
- Back-up lights
- Complete lens assemblies

Cooling Systems

- Heater cores
- Water pumps
- Hose assemblies
- Coolant reservoirs
- Heater control valves
- Radiator caps and cores
- Thermostats and housings

Cylinder Blocks

- Oil feeds
- Cup plugs
- Water inlets
- Water jackets
- Crank cavities
- Missing inserts
- Oil drain backs
- Compression tests
- Rear crankshaft seals

Axles

- Cases
- Axle tubes
- Axle carriers
- Axle tube seats
- Final assemblies

Brakes

- Calipers
- Breather valves
- Brake reservoirs
- Wheel cylinders
- Master cylinders
- ABS valve assemblies
- ABS valve body ball stops

Engine Blocks

- Oil cavities
- Water jacket leaks
- Oil drain leak and flow
- Oil gallery leak and flow

Automotive Component Testing

Engine Assemblies

Final engine oil
Final engine water

Exhaust Systems

Mufflers
Tail pipes
Exhaust pipes
Catalytic converters

Engine Subassemblies

Pistons
Oil pans
Oil pumps
Pipe plugs
Front covers
Valve covers
Dipstick tubes
Turbochargers
Piston blow-by
Throttle bodies
Front cam seals
Missing bearings
Air meter housings
Slip yolk assemblies
Air cleaner housings

Electrical

Battery cells
Window switch assemblies

Miscellaneous

Window seals
Windshield spray nozzles
Cruise control assemblies
Windshield fluid check valves

Fuel Systems

Gas caps
Fuel regulators
Fuel tank floats
Rollover valves
Intake manifolds
Carbon canisters
Intake to injectors
Fuel sending units
Injector valve seats
Fuel rails and lines
Fuel pumps and filters
Fuel level sender covers
Carburetors and injectors
Control valves and regulators
Fuel and vapor line assemblies

Intake Manifolds

Air cavity leaks
Water cavity leaks

Total Engines

Oil cavities
Torque to turn
Missing bearings
Water jacket leaks
Fuel rail leak and function

Transmissions

Input shafts
Ball check valves
Stator ball checks
Clutch assemblies
Torque converters
Transmission covers
Transmission pumps
Transmission housings
Transmission pump seals
Transmission support and sleeve assemblies
Driven sprocket support and sleeve assemblies
Transmission tail shaft housings
Transmission pistons & clutches