

## Toyota Certified Vehicle - 160 Point (174 for Hybrids) Inspection Checklist

*"The best new cars make the best used cars."*

At Maplewood Toyota, each Toyota Certified Vehicle is subject to an intensive 160-point Quality Assurance Inspection. The inspection requires that factory-trained technicians complete all necessary repairs and/or reconditioning before the vehicle qualifies as a Certified Pre-Owned Toyota. The Inspection includes the following:

### Audio & Alarm System

- Audio/cassette/CD system working normally, CD cartridge present (if equipped)
- Antenna is present and functions properly
- Radio speakers do not rattle at high volume
- Remote entry system works properly (if equipped)
- Theft-deterrent system works properly (if equipped)

### Braking System

- Inspect brakes, calipers, lines and hoses
- No excessive vibration during braking
- ABS operates on "panic stop"
- Parking brake sets and holds vehicle
- Brake pads/shoes must have minimum of 50% wear remaining
- No excessive grooving or heat checking of rotors or drums
- Parking brake releases completely
- Brake pedal free play and travel is normal

### Engine Compartment

- Change engine oil and filter
- Check for evidence of sludge
- Inspect for fuel, oil, coolant or other fluid leaks
- Engine cold high idle correct
- No abnormal engine noise at cold start
- Throttle does not stick shut on cold start
- Drivability OK during warm-up
- Hot drivability OK
- Engine reaches normal operating temperature
- Engine fan functions properly
- No excessive drone or vibration from engine
- Drive belts and hoses free of cracks or damage
- No damage to engine mounts
- Check under-hood labels and decals
- Engine compartment is clean
- Under-hood heat insulator pad is clean
- Engine free of excessive dressing
- Inspect air filter
- Oil, brake, clutch, transmission, transfer case, washer and power steering fluid levels OK
- Under-hood fluids clear and uncontaminated

### Exterior Condition & Appearance

- Exterior is clean and free of road residue
- No cracked, deeply hazed/yellowed or broken lenses of exterior lights
- Outside rearview mirror operates/lens is good
- Glass free of cracks, stars and large chips
- Glass is free of improper repairs
- Bumpers are free of cuts, gouges and scratches
- Body is free of all dents

- Body is reasonably free of dings
- Paint is reasonably free of scratches and chips
- Vehicle is free of improper paint repairs or mismatched color
- Hood and trunk latches working
- Free of water spots
- Paint is free of swirl marks
- Paint has even, high luster
- Paint is free of buffable scratches
- Free of wax residue
- Wheel wells are clean
- Acceptable aftermarket items checked
- Removal of unacceptable aftermarket items

#### **Hybrid Components**

- Hybrid Vehicle Immobilizer System
- Multi-Information Display
- Inverter Coolant Level
- Engine and ECT (Electronically Controlled Transmission)
- ABS (Anti-lock Brake System)
- EMPS (Electric Motor Assisted Power Steering)
- CCS (Cruise Control System)
- SRS (Supplemental Restraint System) Airbag
- HV ECU (Hybrid Vehicle Electronic Control Unit)
- HV (Hybrid Vehicle) Battery
- Perform "Onboard Equalizing Charge" of HV Battery using Intelligent Tester
- Fully charge 12-Volt Auxiliary Battery
- Clean or replace Air Refiner Filter (A/C or evaporator filter)
- Check Transaxle "Park" Mechanism

#### **Interior Condition & Appearance**

- Day/night mirror operates and lens is good
- Window tinting clear and free of bubbles
- Cigarette lighter is intact and operates
- Ashtrays function and are in good condition
- Ashtrays and lighter are clean; no evidence of use
- Headliner, sun visors, dash pad, upholstery, console, cup holders, trim panels, floor mats and carpets are in place and in good condition (if equipped)
- Cup holder extends completely and sturdily
- Driver floor mat (if equipped) is appropriate OEM floor mats for vehicle, secured, not stacked on another mat
- Doors open and close correctly
- Door locks, including child safety locks, work properly
- Seats, including all position adjusters, work properly
- Headrests function properly
- Rear defogger grid lines intact
- Interior leather, vinyl, plastic, carpet and fabric surfaces are free of holes, rips, tears, excessive wear or fading
- No evidence of previous improper repairs
- Inspect seatbelt condition
- Seatbelts have full range of extension and smooth operation
- Seatbelts lock up per specification
- Inside remote release operates normally
- Interior is free of debris
- Dash and vents are clean and properly dressed
- All crevices are clean

- Doorjambs are clean
- Glove box and console compartments are clean
- Seats, carpets, floor mats and headliner are free of stains (if equipped)
- Free of odor, including heavy perfume
- Glass is clean and free of streaks

#### **Steering System**

- Steering has normal feel in lock-to-lock turning
- Steering wheel centered in straight line driving
- Vehicle tracks and drives straight on level surface
- Tilt steering wheel adjustment works properly
- No excessive wind whistle or buzz
- No excessive tire vibration or steering wheel shimmy at any speed
- Interior free of significant squeaks or rattles
- Inspect steering rack, linkage, bushings, control arms and dust boots

#### **Transmission/Transaxle**

- Transmission/clutch operates smoothly
- Automatic transmission in "ECT" power mode shifts properly
- Transmission gear ranges engage promptly while shifting when warmed up
- Transmission shift lock and key interlock system OK
- Transmission does not shift into overdrive when button is in OFF position
- Inspect transmission case and pan for leaks
- No damage to drive and axle shafts
- Differential fluid level correct

#### **Vehicle History**

- Run/print a CARFAX® Vehicle History Report, Check for outstanding Special Service Campaigns

#### **Battery System**

- Battery in good condition, has proper cold cranking amps and reserve capacity
- Battery proper size and secure
- Battery posts free of corrosion
- Cables in good condition

#### **Emissions & State Inspection**

- Perform emissions test and/or state inspection, if required

#### **Engine Coolant & HVAC System**

- Engine coolant at proper hot and cold levels
- Coolant specific gravity to -31° Fahrenheit
- A/C cooling operation normal
- A/C refrigerant sight glass clear
- Heater operation normal

#### **Frame, Structure & Underbody**

- Frame/Unibody check
- Inspect body surface
- Inspect panel alignment and fit
- Inspect lower body and underbody for damage
- Check exhaust systems and hangers

#### **Instrument Panel & Electronic Systems**

- 2 Master keys are present
- Fuel gauge reads correctly

- Battery voltage gauge reads correctly
- Horn works
- Airbag deployment/replaced airbag
- Speedometer and odometer work properly
- Cruise control operation normal
- Clock keeps time
- All wiper speeds work correctly
- Windshield washer operates
- Wiper blades/inserts are in good condition and work
- Wipers return to correct position when OFF
- All mirrors have full range of adjustment
- Windows operate normally
- Window locks operate normally
- Power windows operate from master switch and all door switches
- Memory seat control operates properly

#### **Lighting Systems**

- Warning lights function
- High and low beams OK
- Headlight aim is OK
- Taillights work
- Brake lights work
- Side marker lights work
- Backup lights work
- License plate lights work
- Instrument lights work
- Heater lights work
- Dash light dimmer works
- Turn signals operate correctly and self-cancel
- Four-way flashers work
- Defogger indicator light turns on with switch ON
- Dome/courtesy lights operate with door cycles

#### **Tires & Suspension System**

- Inspect tires for defects, damage and inflation
- Minimum of 5/32" tread depth remaining across tread width
- All four tires must be of same brand, model, size, tread design, speed, load rating per OEM vehicle specs
- Wheels are clean and free of brake dust
- Tires are dressed, not greasy
- Wheel cover caps secure with no damage
- Inspect struts/shocks for leaks and wear
- No damage to CV joints/boots

#### **Trunk Compartment & Spare**

- Trunk is clean, free of debris, no stains
- Trunk light and trunk trim appearance
- Jack and tools are correct, present and secured
- Fiber board tire cover is not broken/warped
- Spare tire or inflator kit present
- Spare tire and storage areas are clean
- Spare tire is securely fastened
- No signs of damage to spare tire
- Minimum 5/32" tread remaining on spare

- Spare tire has correct air pressure

**Additional Items, Where Applicable**

- "Fade-away" dome light works properly
- Sunroof/convertible top operates normally through full range of positions
- Convertible top lockout function operates
- Seat Heaters operate properly
- Head unit software update
- Radio security codes cleared
- Navigation system works properly
- Transfer case smoothly switches from 2WD to 4WD and back from 4WD to 2WD
- Truck bed is in good condition
- Truck bedliner is in good condition and secured
- Tailgate functions properly
- Rear bumper is in good condition and secured