

**PDXinspections LLC**

Portland's Used Vehicle Inspection Service

Josh Lawson - Owner/Inspector

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Customer	Inspection Date	Location Of Inspection	Inspection Cost
	7/16/2018		
Vehicle	Vehicle Identification Number	Manufacture Date	Exterior/Interior Color
2006 Toyota Prius Base		March 2006	Champagne/Tan
Engine type	Transmission	Drivetrain	Odometer
1.5L Inline 4 Cylinder DOHC Hybrid	CVT - Constantly Variable Transmission	Front Wheel Drive	81,794
Engine Cold Start?	Engine Temp. on Arrival	Weather/Inspection Conditions	Outside Air Temp.
No, the engine was hot on arrival	185°	Sunny	89°
License Plates/Registration			
Oregon License Plates - Current tags/registration until April 2020.			

Engine/Fluids/Drivetrain Mechanical



Belt(s)	The accessory belt appears to be older. There is no abnormal or excessive wear noted, it's not requiring replacement at this time. It's equipped with a timing chain. Timing chains do not have a scheduled replacement interval and only require service when there is an issue. No abnormal noises or issues or noted.
Engine Oil	The internal engine when viewed through the fill cap looks very clean with no signs of sludging suggesting it had regular oil changes. The oil looks golden brown - Good. There is not a current oil change sticker in the windshield - Ask for records on the last oil change, if it was not recent I would recommend performing an oil change for peace of mind. Oil level: Full.
Transmission	No dipstick, this is a sealed transmission and we're not able to verify transmission fluid condition. Recommend checking manufactures maintenance schedule for fluid exchange interval (typically every 60k miles).
Brake Fluid	The brake fluid looks clean and tests less than 1% moisture - Good. Fluid level in reservoir is full. Brake fluid is hygroscopic which means it absorbs moisture, ideally it should be flushed every 2 years to prevent rust/premature failure in the brake system components.
Power Steering	Electric power steering - No issues noted.
Cooling System	The coolant looks clean, like OEM factory Toyota coolant, Refractometer tests: -50° (freeze protection) - Proper coolant mixture. The cooling system hoses look to be original with no abnormal wear or damages. No cooling system leaks requiring immediate service noted from the radiator, hoses or water pump.
Battery Condition	There is a code suggesting the aux battery may be on its last leg. Appears to be the factory original battery. (Factory batteries typically last 4-6 years on average when subjected to normal driving). CCA Spec: 410 CCA - (Cold Cranking Amperage). Tests good - 12.30 Volts @ 320 CCA. The connections are clean and tight. No hybrid battery issues or codes noted. Battery cell voltage normal, equal with minimal cell to cell variance and average fuel economy is reported to be 44.2mpg over the last 58 miles.
Starting System	No starting system problems noted.
Charging System	Charging 14.50 Volts (Volts Loaded), 14.50 Volts (Volts Un-Loaded). No excessive A/C ripple or other charging related issues noted.
Vacuum Hoses	The air filter is older (not requiring immediate replacement) consider replacement at the next oil change.
Head Gasket Test	Pass - No exhaust gasses or oil noted in cooling system.
Exhaust Gas Readings/Emissions	The exhaust analyzer reads ~15-16% CO2 and less than 0PPM HC, indicating the engine is clean burning/currently running at peak efficiency.
Maintenance	There is not a current oil change sticker in the windshield - Ask for records on the last oil change, if it was not recent I would recommend performing an oil change for peace of mind.
Leaks	No engine oil or coolant leaks noted appearing to require service at this time. No signs of water pump seepage.

Additional Notes

Paint/Body/Structural/Exterior Lights

Previous Repaint?	All exterior paint measurements are consistent and the paint appears to be original throughout all metal surfaces.
Paint Measures	The paint measures 4 to 6 Mils thickness (1000th/inch).
Body Panels	The painted spoiler/trim on the liftgate appears to be loose. All VIN stickers are intact and matching throughout all body panels - All panels appear to be original.
Body Condition	Rock chipping in the front facing panels consistent with the vehicles mileage. Some heavier scratches throughout that would likely require touchups if they are bothersome. Some heavier scrapes throughout the passenger side that have been polished to make look better. Scrapes under the front bumper.
Frame/Structural	No signs of previous damage or repair to frame or structural components.
Weather-stripping	Weather-stripping is in good condition.
Exterior Lights	! The right front (passenger side) amber parking light bulb is inoperative. It's more than likely burnt out requiring only replacement. Recommend having the seller address this prior to purchase to ensure there are no issues. All other exterior lights including the turn signals and brake lights appear to be working as designed.
Additional Notes	! The drivers door check link is weak and doesn't hold the door open

Tires/Brakes/Wheels/Steering/Suspension

Tire Match	Tires Matching Size/Brand: Yes.	
Tires Dated	2017 to 2017 Rubber deteriorates over time and by exposure to UV light - Tires typically last for 5-6 years for vehicles that are kept out of the sun.	
Tire Tread Depth	Drivers Front - 8/32" Drivers Rear - 9/32"	Passenger Front - 8/32" Passenger Rear - 9/32"
(New Tires: ~9 to 11/32") 	No abnormal tread wear patterns. Recommend rotating tires to equalize wear. The tires with the most tread should be on the driven wheels.	
Tire Pressures	36 PSI to 36 PSI. The factory tire specification is 35 PSI Front / 33 PSI Rear.	
Wheel Condition	Alloy wheels - Good condition lacks major damage.	
Lugs Caps	! Missing all center caps.	
Spare Jack Tools	The jack, space saver spare tire and tools are intact.	
Front Brakes 	Like new, approximately 10mm pad thickness.	
Rear Brakes	Equipped with rear drum brakes which requires disassembly to completely inspect - Good parking brake engagement suggesting they are ok. Typically you only need to clean and adjust the rear shoes at every front brake service as it's not uncommon for them to last upwards of 150k+ miles on a newer vehicle.	
Parking Brake	Working as designed - The travel and effort appears to be in an acceptable range.	
Steering/ Suspension	No excessive play noted throughout the suspension/steering components - all appears to be original. Nothing appearing to have been recently replaced or appearing to need immediate service.	
Axles/Driveline	The left front (drivers side) axle seal is seeping (Not requiring service at this time). The axle boots were intact.	
Additional Notes		

Interior Safety/Accessories/Condition

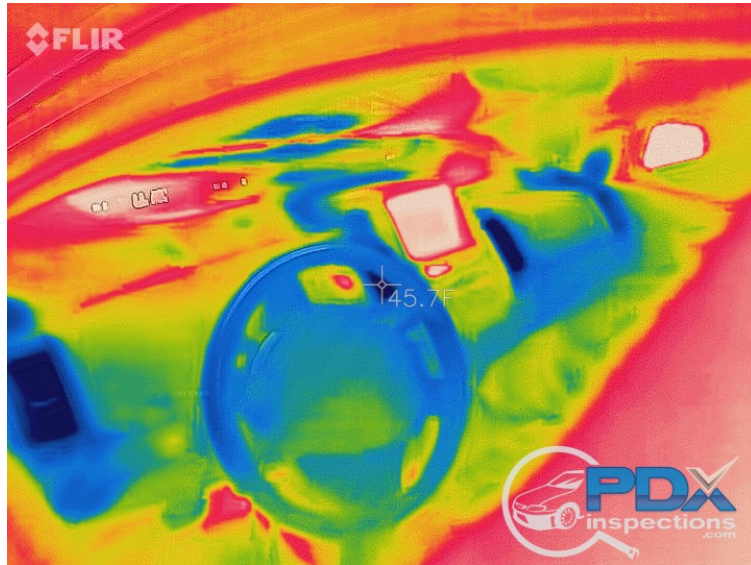
Airbags	The airbag lamp illuminates with key on and goes out as designed. No SRS/Airbag warning lights illuminated or current trouble codes found in the computer. This suggests the system is operational and trouble free at this time
Seat Belts	Verified all belts present and working - The front belts both appear to be original as the dates are consistent with the date of vehicle manufacture suggesting they haven't required previous replacement from an accident.
Alarm	Factory security system.

Keys/Keyless	1 key/remote tested working.
Power Door Locks	All appear to be working as designed.
Power Windows	All power windows appear to be working as designed.
Power Mirrors	The power mirror adjusting functions are working as designed. The heated mirrors were verified working - verified heat from mirror glass using an infrared camera.
Audio	Factory CD - (CD player functions are not tested). The steering wheel controls appear to be working as designed.
12 volt Outlet(s)	The 12 volt accessory outlet was tested working.
Tilt Steering	Tilt steering tested working.
Horn	The horn operates as designed.
Heating & A/C	The A/C blows cold - The air conditioning compressor runs as designed, A/C performance - verified 44° cold air blowing from the dash vents. HVAC blower rattle at slow speed - may have debris in the fan.
Rear Defroster	Working as designed - verified heat from coming from the grid using an infrared camera.
Glass Condition	The windshield is lightly pitted with rock chips - It appears to be the original windshield (OEM stamping noted in the glass) and the pitting is consistent with age/mileage.
Wiper Blades	The front wipers appear to be operational. The linkage appears to squeak. The rear wiper blade appears to be in good condition with a clean and quiet wipe.
Washer Spray	Working as designed.
Odors	No abnormal odors, it doesn't appear to have been a smoking vehicle or have had any water leaks/damage.
Carpets	The carpets are clean dry and are in good shape given age. No moisture found when water leak testing using an electronic moisture meter.
Floor Mats	Factory form fitting floor mats are installed.
Seat Cond.	Clean with minimal wear overall.
Dash	No major or obvious damage noticed.
Trim Cond.	Very clean and well kept given its age/use.
Factory Manuals	The manuals are located in the glove box.
Additional Notes	

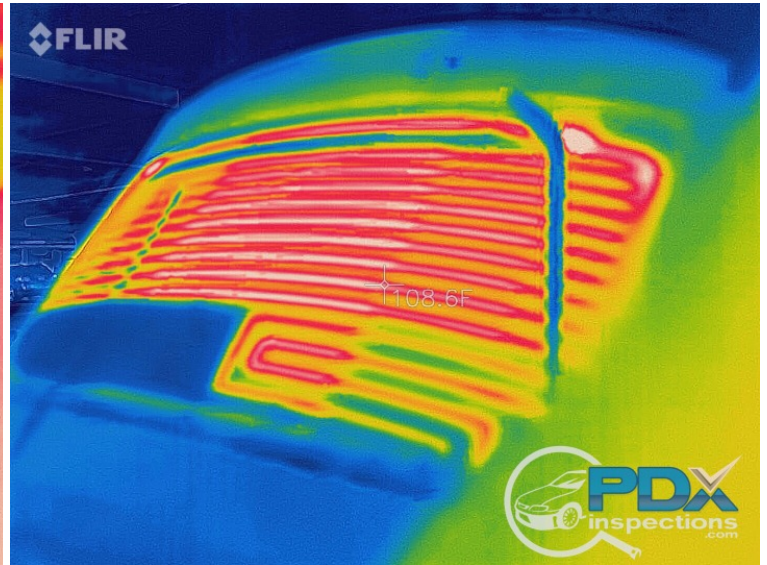
Drivability/Emissions/Road Test

Emissions Ready?	Yes, all of the I/M emission flags have successfully completed allowing vehicle to pass emissions test. This also suggests the vehicle has been driven several times without triggering any check engine lights over the recent past. It has completed/passed at least two recent back to back OBDII drive cycles (usually consisting of two separate cold start 20-30 minute drives) without failure of any emission related component.
Warning lights/Computer Codes	No current or pending codes in the engine control module. There is history code for the DC/DC converter and a C1241 low battery voltage code. This can be related to an intermittent issue or issue that has been addressed in the past - (Many times you can Google the codes to get descriptions and/or to get a better idea on possible causes). Ask for records to determine whether or not this has been fixed or addressed to rule out an intermittent condition. There are no abnormal warning lights illuminated in the instrument cluster. The engine fuel trims are within 5%, this suggests the engine control module is in full control of the engine and it is running optimally at this time. The last powertrain computer reset was 2400 miles ago. 255+ successful engine warm-ups without faults (this is the maximum number the computer keeps).
Engine Idle	The hybrid auto start/stop transition was smooth and appeared to be problem free.
Engine Operation/Performance	The engine was strong and smooth without hesitations, noises or any other abnormalities noted
Exhaust	No issues noted
Body/Chassis Integrity	No problems found, the driving characteristics are consistent with the vehicles age and mileage

Steering/Alignment	Appears to track straight with no abnormal vibrations or shimmies
Braking	Smooth braking. No abnormal noises or pulsations noted. Light rattle unknown noise coming from the pedal area when coming to a stop.
Shifting Quality	The CVT transition and operation is smooth and is working as designed.
Drivetrain	No issues noted
Cruise Control	Tested working
Additional Notes	



A/C performance verified with an infrared camera



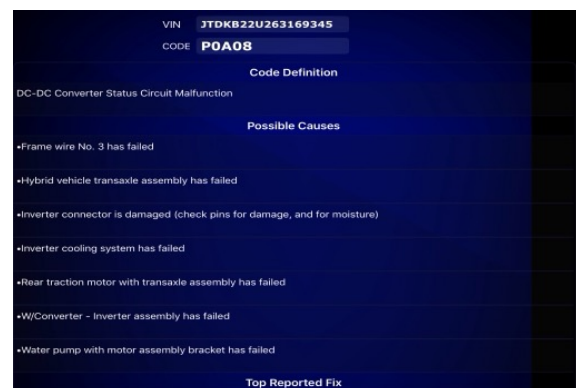
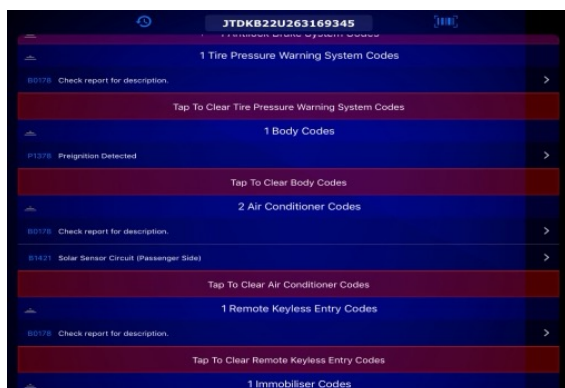
Rear defroster operation verified with an infrared camera

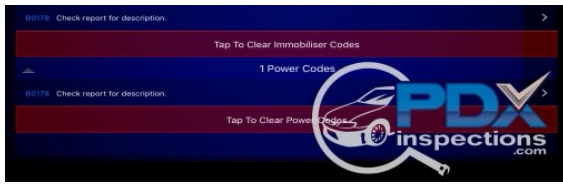


Heated mirror operation verified with an infrared camera



Miscellaneous history trouble codes noted. These are items that have possibly had issues in the past. They may have been addressed and/or be intermittent issues.

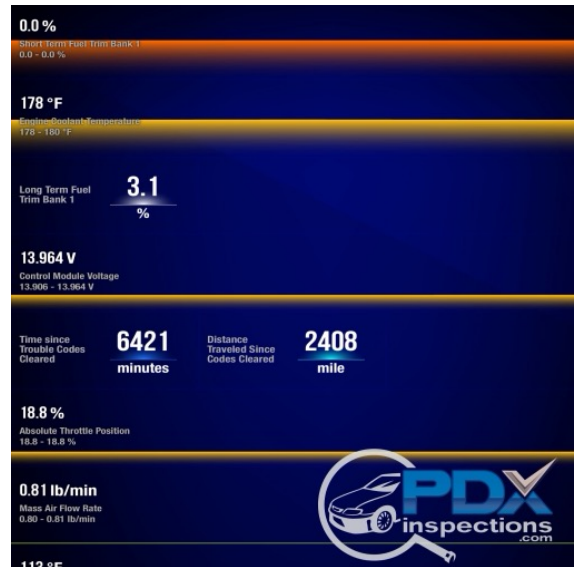




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DEQ/SMOG readiness tests



Basic engine data snapshot

2006 Toyota Prius Inspection Prepared for

This 2006 Toyota Prius Inspection was ordered from our website @ <http://PDXinspections.com>

Everything stated in this report should only be taken as a second opinion/personal opinion of a Certified Professional Technician. Our inspection should provide you with an unbiased inspection report based on what we see at the time of the inspection. Please realize we cannot visually inspect all internal components within the engine, drive-train or hidden areas. As with any mechanical or electrical device there can always be unseen potential or impending failures. The vehicle may also have intermittent issues that were not revealed at the time of the inspection and any vehicle component can malfunction at any time. All remarks represent the vehicle's condition on reported date of inspection - 7/16/2018. You should attempt to again verify everything stated in this report to ensure nothing has changed since the inspection.

There is no guarantee or warranty of anything expressed or implied in this report.