

Quick Sizes

14mm Oil Drain Plug

10mm Most Common

21mm Wheel Lug Nut

_____ Tire Pressure

Quick Links

<http://www.customtacos.com/>

<http://www.scionlife.com/toyota/>

<http://www.tacomaterritory.com/>

<http://www.the12volt.com/>

<http://www.toyotanation.com/>

<http://www.toyotaownersonline.com/>

<http://www.tundrasolutions.com/>

Updates will be made available in the bold links forums

2005+ Toyota Tacoma



Service Guide & Vehicle History

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CAPACITIES & FLUID TYPES

Engine Oil, 2WD¹ **4.0L drained with filter.....4.8 quarts**

5W-30 drained w/o filter.....4.4 quarts

2.7L drained with filter.....6.1 quarts

drained w/o filter.....5.4 quarts

4WD² 4.0L drained with filter.....5.5 quarts

drained w/o filter.....5.2 quarts

2.7L drained with filter.....6.1 quarts

drained w/o filter.....5.4 quarts

Cooling System, 4.0L w/ MT.....10.1 quarts

4.0L w/ AT.....10.3 quarts

2.7L w/ MT.....9.1 quarts

2.7L w/ AT.....9.1 quarts

**** Use "Toyota Super Long Life Coolant"**

Automatic Transmission, 4-speed.....2.1 quarts

ATF 5-speed.....3.2 quarts

Manual Transmission, 4.0L 2WD.....1.9 quarts

Gear Oil 75W-90 2.7L 4WD.....2.3 quarts

2.7L 2WD.....2.7 quarts

Differential, 2WD¹.....3.5 quarts

4WD² rear.....3.0 quarts

4WD² front.....1.6 quarts

** SAE 75W-90 in front, rear 80W-90 < 0°F (-18°C) < SAE 90

** If equipped with LSD in rear use "Hypoid Gear Oil for Limited Slip"

Transfer Case.....1.1 quarts

Gear Oil 75W-90

Power Steering.....

ATF

Brake Fluid.....

DOT3

1. *except PreRunner* 2. *PreRunner & 4WD*

This information is ONLY TO BE USED AS A GUIDE.

Always consult your manual for further information.

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Expendables

Air Filter

Toyota 2.7L.....	17801-0C040
Toyota 4.0L.....	17801-0P010
Fram 4.0L.....	CA9683
K&N 4.0L.....	33-2281
AmsOil 4.0L.....	46888

Cabin Air Filter

Toyota.....88508-01010
micronair.us (Pontiac Vibe)..... TY02116P

Differential Rear Fill Plug Gasket

Toyota.....12157-10010

Fuel Filter

Toyota.....None Serviceable

Light Bulbs

High & Low Beam Headlamp.....	H4 or 9003
Front Turn Signal.....	4157
Rear Turn Signal & Tail Light.....	3157
Back Up Light.....	921
High Mount Stop & Map & License Light.....	168
Fog Light.....	HB or 9145
Dome Light.....	3022

Oil Filter

AmsOil 4.0L	EaO57
AmsOil 4.0L (oversized).....	EaO34
Fram 4.0L.....	(DG/TG/XG)3614
Fram 4.0L (oversized).....	(DG/TG/XG)3600
K&N 4.0L.....	HP-1002
K&N 4.0L (oversized).....	HP-2009
Mobil1 4.0L (oversized).....	M1-209
SuperTech 4.0L.....	ST3614
SuperTech 4.0L (oversized).....	ST3600
Toyota 2.7L.....	90915-YZZD1
Toyota 4.0L (oversized).....	90915-YZZD3
Toyota 2.7L TRD.....	PTR14-00000-04
Toyota 4.0L TRD.....	PTR14-00000-07

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Manufacturers Recommended Maintenance Schedule

These are the recommendations, your mileage may vary.

2006 Tacoma 5,000 Miles - 6 Months

- ☐ Replace engine oil and oil filter¹
- ☐ Rotate tires
- ☐ Visually inspect brake linings/drums and brake pads/discs

2006 Tacoma 10,000 Miles - 12 Months

- ☐ Replace engine oil and oil filter¹
- ☐ Rotate tires
- ☐ Visually inspect brake linings/drums and brake pads/discs

2006 Tacoma 15,000 Miles - 18 Months

- ☐ Replace engine oil and oil filter¹
- ☐ Rotate tires
- ☐ Re-torque propeller shaft bolt
- ☐ Visually inspect brake linings/drums and brake pads/discs
- ☐ Inspect the following:
 - ___ Ball joints and dust covers
 - ___ Brake lines and hoses
 - ___ Drive shaft boots (4WD)
 - ___ Engine coolant⁵
 - ___ Exhaust pipes and mountings
 - ___ Front differential oil (4WD)
 - ___ Radiator core and condenser
 - ___ Rear differential oil
 - ___ Steering gear box
 - ___ Steering linkage and boots

Note: Driving in heavy traffic, on dirt roads or in urban, dusty or desert areas may shorten the life of the cabin air filter. Replacement may be needed if you notice reduced air flow from the air conditioner and heater or if the windows fog easily when you use the "fresh" mode. Consult your dealer if any of these conditions occur.

2006 Tacoma 20,000 Miles - 24 Months

- ☐ Replace engine oil and oil filter¹
- ☐ Rotate tires
- ☐ Visually inspect brake linings/drums and brake pads/discs

Applicable Footnotes:

- 1) Reset the oil replacement reminder ("MAINT REQD") light after replacing engine oil, if vehicle is equipped with this
5) See Maintenance Definitions (Engine Coolant) for details.

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2006 Tacoma 25,000 Miles - 30 Months

- ☐ Replace engine oil and oil filter¹
- ☐ Rotate tires
- ☐ Visually inspect brake linings/drums and brake pads/discs

2006 Tacoma 30,000 Miles - 36 Months

- ☐ Replace engine oil and oil filter¹
- ☐ Rotate tires
- ☐ Replace limited-slip differential oil, if equipped (4WD and PreRunner)
- ☐ Replace spark plugs⁶
- ☐ Re-torque propeller shaft bolt
- ☐ Replace engine air filter
- ☐ Replace cabin air filter (if equipped)
- ☐ Inspect the following:
 - ___ Automatic transmission fluid
 - ___ Ball joints and dust covers
 - ___ Brake lines and hoses
 - ___ Brake linings/drums and brake pads/discs⁷
 - ___ Drive shaft boots (4WD)
 - ___ Engine coolant⁸
 - ___ Exhaust pipes and mountings
 - ___ Front differential oil (4WD)
 - ___ Fuel lines and connections, fuel tank band and fuel tank vapor vent system hoses
 - ___ Fuel tank cap gasket
 - ___ Radiator core and condenser
 - ___ Rear differential oil
 - ___ Steering gear box
 - ___ Steering linkage and boots
 - ___ Transfer case oil (4WD)

2006 Tacoma 35,000 Miles - 42 Months

- ☐ Replace engine oil and oil filter¹
- ☐ Rotate tires
- ☐ Visually inspect brake linings/drums and brake pads/discs

2006 Tacoma 40,000 Miles - 48 Months

- ☐ Replace engine oil and oil filter¹
- ☐ Rotate tires
- ☐ Visually inspect brake linings/drums and brake pads/discs

Applicable Footnotes:

1) Reset the oil replacement reminder ("MAINT REQD") light after replacing engine oil, if vehicle is equipped with this

6) Applies to Tacoma with 1GR-FE. Required under the terms of the Emission Control Warranty.

7) Inspect thickness measurement and disc runout.

8) See Maintenance Definitions (Engine Coolant) for details.

2006 Tacoma 45,000 Miles - 54 Months

- ☐ Replace engine oil and oil filter¹
 - ☐ Rotate tires
 - ☐ Re-torque propeller shaft bolt
 - ☐ Visually inspect brake linings/drums and brake pads/discs
 - ☐ Inspect the following:
 - ___ Ball joints and dust covers
 - ___ Brake lines and hoses
 - ___ Drive shaft boots (4WD)
 - ___ Engine coolant⁵
 - ___ Exhaust pipes and mountings
 - ___ Front differential oil (4WD)
 - ___ Radiator core and condenser
 - ___ Rear differential oil
 - ___ Steering gear box
 - ___ Steering linkage and boots
- Note:** Driving in heavy traffic, on dirt roads or in urban, dusty or desert areas may shorten the life of the cabin air filter. Replacement may be needed if you notice reduced air flow from the air conditioner and heater or if the windows fog easily when you use the "fresh" mode. Consult your dealer if any of these conditions occur.

2006 Tacoma 50,000 Miles - 60 Months

☐ Replace engine oil and oil filter¹

- ☐ Reattach engine oil and oil filter
- ☐ Rotate tires
- ☐ Visually inspect brake linings/drums and brake pads/discs

☐ Replace engine oil and oil filter]

- ☐ Replace engine oil and oil filter
- ☐ Rotate tires
- ☐ Visually inspect brake linings/drums and brake pads/discs

5) See Maintenance Definitions (Engine Coolant) for details.

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2006 Tacoma 60,000 Miles - 72 Months

- ☐ Replace engine oil and oil filter¹
- ☐ Rotate tires
- ☐ Replace limited-slip differential oil, if equipped (4WD and PreRunner)
- ☐ Replace spark plugs⁶
- ☐ Re-torque propeller shaft bolt
- ☐ Replace engine air filter
- ☐ Replace cabin air filter (if equipped)
- ☐ Inspect the following:
 - ___ Automatic transmission fluid
 - ___ Ball joints and dust covers
 - ___ Brake lines and hoses
 - ___ Brake linings/drums and brake pads/discs⁷
 - ___ Drive belts⁹
 - ___ Drive shaft boots (4WD)
 - ___ Engine coolant¹⁰
 - ___ Engine valve clearance (except Tacoma with 2TR-FE)
 - ___ Exhaust pipes and mountings
 - ___ Front differential oil (4WD)
 - ___ Fuel lines and connections, fuel tank band and fuel tank vapor vent system hoses
 - ___ Fuel tank cap gasket
 - ___ Radiator core and condenser
 - ___ Rear differential oil
 - ___ Steering gear box
 - ___ Steering linkage and boots
 - ___ Transfer case oil (4WD)

2006 Tacoma 65,000 Miles - 78 Months

- ☐ Replace engine oil and oil filter¹
- ☐ Rotate tires
- ☐ Visually inspect brake linings/drums and brake pads/discs

2006 Tacoma 70,000 Miles - 84 Months

- ☐ Replace engine oil and oil filter¹
- ☐ Rotate tires
- ☐ Visually inspect brake linings/drums and brake pads/discs

Applicable Footnotes:

1) Reset the oil replacement reminder ("MAINT REQD") light after replacing engine oil, if vehicle is equipped with this

6) Applies to Tacoma with 1GR-FE. Required under the terms of the Emission Control Warranty.

7) Inspect thickness measurement and disc runout.

9) Initial inspection at 60,000 miles/72 months. Inspect every 15,000 miles/18 months thereafter.

10) See Maintenance Definitions (Engine Coolant) for details.

2006 Tacoma 75,000 Miles - 90 Months

- ☐ Replace engine oil and oil filter¹
- ☐ Rotate tires
- ☐ Re-torque propeller shaft bolt
- ☐ Visually inspect brake linings/drums and brake pads/discs
- ☐ Inspect the following:
 - ___ Ball joints and dust covers
 - ___ Brake lines and hoses
 - ___ Drive belts
 - ___ Drive shaft boots (4WD)
 - ___ Engine coolant⁵
 - ___ Exhaust pipes and mountings
 - ___ Front differential oil (4WD)
 - ___ Radiator core and condenser
 - ___ Rear differential oil
 - ___ Steering gear box
 - ___ Steering linkage and boots

2006 Tacoma 80,000 Miles - 96 Months

- ☐ Replace engine oil and oil filter¹
- ☐ Rotate tires
- ☐ Visually inspect brake linings/drums and brake pads/discs

2006 Tacoma 85,000 Miles - 102 Months

- ☐ Replace engine oil and oil filter¹
- ☐ Rotate tires
- ☐ Visually inspect brake linings/drums and brake pads/discs

Applicable Footnotes:

1) Reset the oil replacement reminder ("MAINT REQD") light after replacing engine oil, if vehicle is equipped with this feature.

6) Applies to Tacoma with 1GR-FE. Required under the terms of the Emission Control Warranty.

9) See Maintenance Definitions (Engine Coolant) for details.

5) See maintenance definitions (Engine Coolant) for details.

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2006 Tacoma 90,000 Miles - 108 Months

- ☐ Replace engine oil and oil filter¹
- ☐ Rotate tires
- ☐ Replace limited-slip differential oil, if equipped (4WD and PreRunner)
- ☐ Replace spark plugs⁶
- ☐ Re-torque propeller shaft bolt
- ☐ Replace engine air filter
- ☐ Replace cabin air filter (if equipped)
- ☐ Inspect the following:
 - ___ Automatic transmission fluid
 - ___ Ball joints and dust covers
 - ___ Brake lines and hoses
 - ___ Brake linings/drums and brake pads/discs⁸
 - ___ Drive belts
 - ___ Drive shaft boots (4WD)
 - ___ Engine coolant⁹
 - ___ Exhaust pipes and mountings
 - ___ Front differential oil (4WD)
 - ___ Fuel lines and connections, fuel tank band and fuel tank vapor vent system hoses
 - ___ Fuel tank cap gasket
 - ___ Radiator core and condenser
 - ___ Rear differential oil
 - ___ Steering gear box
 - ___ Steering linkage and boots
 - ___ Transfer case oil (4WD)

2006 Tacoma 95,000 Miles - 114 Months

- ☐ Replace engine oil and oil filter¹
- ☐ Rotate tires
- ☐ Visually inspect brake linings/drums and brake pads/discs

2006 Tacoma 100,000 Miles - 120 Months

- ☐ Replace engine oil and oil filter¹
- ☐ Rotate tires
- ☐ Replace engine coolant⁵
- ☐ Visually inspect brake linings/drums and brake pads/discs

Applicable Footnotes:

5) Initial replacement at 100,000 miles/120 months. Replace every 50,000 miles/60 months thereafter. See Maintenance Definitions (Engine Coolant) for details.

2006 Tacoma 105,000 Miles - 126 Months

- ☐ Replace engine oil and oil filter¹
- ☐ Rotate tires
- ☐ Re-torque drive shaft bolt
- ☐ Visually inspect brake linings/drums and brake pads/discs
- ☐ Inspect the following:
 - ___ Ball joints and dust covers
 - ___ Brake lines and hoses
 - ___ Drive belts
 - ___ Drive shaft boots (4WD)
 - ___ Engine coolant⁶
 - ___ Exhaust pipes and mountings
 - ___ Front differential oil (4WD)
 - ___ Radiator core and condenser
 - ___ Rear differential oil
 - ___ Steering gear box
 - ___ Steering linkage and boots

2006 Tacoma 110,000 Miles - 132 Months

- ☐ Replace engine oil and oil filter¹
- ☐ Rotate tires
- ☐ Visually inspect brake linings/drums and brake pads/discs

2006 Tacoma 115,000 Miles - 138 Months
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- ☐ Replace engine oil and oil filter¹
- ☐ Rotate tires
- ☐ Visually inspect brake linings/drums and brake pads/discs

Applicable Footnotes:

1) Reset the oil replacement reminder ("MAINT REQD") light after replacing engine oil, if vehicle is equipped with this

6) See Maintenance Definitions (Engine Coolant) for details.

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Vehicle Wiring for Remote Start & Stereo

There are really not any tricks to this vehicle, stick to the basics.

12volts wht/blue (50A), wht/red (30A) + ignition harness

Starter green/black + ignition harness

Second Starter black/white + ignition harness

Ignition black/red + ignition harness

Second Ignition blue/yellow + ignition harness

Third Ignition N/A

Accessory white/green + ignition harness

Second Accessory N/A

Keysense green/black - ignition harness

Notes: Using the status output from the remote start to trigger this wire will disarm the factory alarm without unlocking the doors.

Power Lock purple - driver kick, 10 pin plug, pin 4

Notes: Meter this wire while turning the key in the driver door key cylinder.

Power Unlock green/black (double pulse) - driver kick, 10 pin plug, pin 8

Notes: Meter this wire while turning the key in the driver door key cylinder.

Can also use the passenger door key cylinder unlock wire, which only requires a single pulse. Its pink (-), in the passenger kick, 10 pin plug, pin 4.

Lock Motor blue/red 5wi driver kick, 12 pin plug, pin 10

Unlock Motor blue/black 5wi driver kick, 10 pin plug, pin 9

Parking Lights+ green + fuse box, 13 pin plug, pin 10

Parking Lights- green - headlight switch or BECU, pin 13

Notes: Body ECU is attached to back of fuse box. It has a single 26 pin plug.

Hazards red/white or white - switch or turn signal flasher, pin 10

Notes: The turn signal flasher is behind the fuse box.

Turn Signal(L) red/black (F), blue/black (R) + turn signal flasher, pins 4 and 5

Notes: The turn signal flasher is behind the fuse box. On models without daytime running lights, the blue/black triggers the front and rear turn signals.

Turn Signal(R) red/yellow (F), blue/yellow(R) + turn signal flasher, pins 2 and 3

Notes: The turn signal flasher is behind the fuse box. On models without daytime running lights, the blue/yellow triggers the front & rear turn signals.

Reverse Light red/white + driver kick, gray 12 pin plug, pin 1

Door Trigger green/white (ajar indicator) - instrument cluster or BECU, pin 4

Notes: Body ECU is attached to back of fuse box. It has a single 26 pin plug.

The individual door trigger wires are at the fuse box. The LF door is green/yellow in an 18 pin plug, pin 7. The RF door is red/black in a 22 pin

plug on the back, pin 8. The rear doors are pink/black in an 18 pin plug, pin 6. Use all three wires and diode isolate each.

Dome Supervision blue - fuse box, black 13 pin plug, pin 9

VSS can be found at the ECM behind the glove box, second plug from the bottom, pin 8 or a violet/white wire at the fuse box in a 13 pin plug in pin 5

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Remote Keyless Entry Reprogramming

The vehicle should meet the following conditions before proceeding;

- *The key is NOT in the ignition
- *Driver's door is OPEN (The others are CLOSED)
- *Drivers door UNLOCKED

- 1) INSERT & REMOVE key from ignition cylinder TWICE within 5sec
- 2) CLOSE and OPEN the driver's door TWICE within 40sec
- 3) INSERT and REMOVE the key into the ignition cylinder
- 4) CLOSE and OPEN the driver's door TWICE within 40 seconds
- 5) INSERT the key in the ignition and CLOSE the driver's door
- 6) Turn the ignition switch from LOCK to ON and back to LOCK at 1sec
Intervals "2" times to enter REWRITE MODE
- 7) REMOVE the key from the ignition (The door locks are cycled LOCK-UNLOCK within 3 seconds TWICE to let you know that you have selected REWRITE MODE)
- 8) Within 40 seconds press BOTH the LOCK & UNLOCK buttons on the transmitter simultaneously for 1 second (Press and release).
- 9) Within 3 seconds press and release the LOCK button on the same transmitter (The door locks will cycle ONCE if the transmitter was recognized and TWICE if it was not recognized {if you get two cycles start over}).
- 10) Within 40 seconds repeat step 8 and 9 with any other transmitters you wish to program
- 11) One of the following will END the Rewrite mode;
 - *40 seconds elapses
 - *Drivers door is opened
 - *Key inserted into the ignition cylinder
 - *4 transmitters are registered

Reset The MAINT REQ Light (5000mi Interval)

- 1) With the truck off or key at ACC, hold the odometer button down.
- 2) Insert key and turn to ON/RUN position (not START), continue holding the odometer button down. Odometer will flash and then display all zeros indicating the MAINT REQ light is reset.
- 3) Release odometer button and turn key to OFF position.

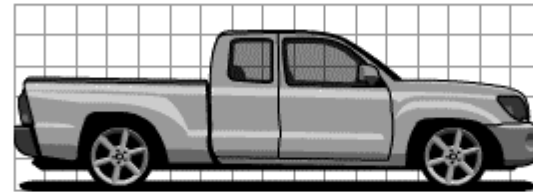
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Color Chart 05 06 07 -- -- -- -- --

Black Sand Pearl (209)	
Desert Sand Mica (4Q2)	
Impulse Red Pearl (3P1)	
Indigo Ink Pearl (8P4)	
Radiant Red (3L5)	
Silver Streak Mica (1E7)	
Speedway Blue (8P1)	
Super White (040)	

* 05-07 X-Runner available in Black Sand, Radiant Red & Speedway Blue



2005- (2nd Gen)

Tacoma 2WD 2.7L Reg Cab 05-

Chassis Code: TRN220

Engine Code: 2TR-FE

Tacoma 2WD 2.7L Access Cab 05-

Chassis Code: TRN225

Engine Code: 2TR-FE

Tacoma 2WD 4.0L Double Cab 05-

Chassis Code: GRN270

Engine Code: 1GR-FE

Tacoma 4WD 2.7L Reg Cab 05-

Chassis Code: TRN240

Engine Code: 2TR-FE

Tacoma 4WD 2.7L Access Cab 05-

Chassis Code: TRN245

Engine Code: 2TR-FE

Tacoma 4WD 4.0L Access Cab 05-

Chassis Code: GRN245

Engine Code: 1GR-FE

Tacoma 4WD 4.0L Double Cab 05-

Chassis Code: GRN250

Engine Code: 1GR-FE

Tacoma X-Runner 2WD 4.0L Access Cab 05-

Chassis Code: GRN225

Engine Code: 1GR-FE

This wonderful chart is credited to:

<http://www.scionlife.com/toyota/>

