



Reliability Visual Inspection



Rod's Japanese Auto Care
2009 Subaru Tribeca

VIN: 4S4WX97DX94405304
 Odo: 164,217 miles
 RO#: 38225 03/10/2021



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 Technician



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These are the results of your vehicle health inspection:

17 Services Being Performed

Differential Service Fron

JOB DESCRIPTION

Front Diff Service

Work Performed: Place Vehicle on lift. Remove necessary shields to gain access to check the levels and condition of the fluids. Drain completely and inspect the magnet for large metal particles. Clean magnet. Replaced Drain Plug Washer with new and tightened to specs. Refilled with Proper Gear Oil to the full mark.

***Differential Fluids should be changed every 30,000 miles / 48,000 kilometers there after. If heavy towing, hauling or snow plowing is done then the fluid should be changed every 12 months or 15,000 miles / 24,000 kilometers.

NOTES

photos during service



08/04/21



08/04/21



08/04/21



08/04/21

REAR Brake Rotors & Pads

JOB DESCRIPTION

-Removed the Rear wheels and brake calipers to the side. Removed the rotors and replaced with new and applied a non directional finish to help the new pads break in correctly. Cleaned the caliper slides and reassembled with new front brake pads with anti-squeal to the backing. Torque the wheels to specs then road tested. Burnished in the front pads on the road test. The brakes work good with no noise

NOTES

see photos of old vs new brakes



08/04/21



08/04/21



08/04/21



08/04/21

FRONT Brake Rotors & Pads

JOB DESCRIPTION

Work Performed:

-Removed the Front wheels and brake calipers to the side. Removed the rotors and replaced with new and applied a non directional finish to help the new pads break in correctly. Cleaned the caliper slides and reassembled with new front brake pads with anti-squeal to the backing. Torque the wheels to specs then road tested. Burnished in the front pads on the road test. The brakes work good with no noise.

NOTES

old brakes vs new brakes!



08/04/21



08/04/21



08/04/21



08/04/21

Replace Engine

JOB DESCRIPTION

Work Performed: Place vehicle on lift. Remove necessary shields and covers to gain access to the engine. Drain oil and coolant, Remove Driveshafts as necessary. Remove Exhaust down pipes, shifter linkage and all necessary bolts to remove engine. Swap all motor mounts, manifolds and all accessories and put on the new engine with all new gaskets related to it. Reinstall Engine and all bolts and covers. Fill with new fluids. Start engine and run for 5 minutes, inspect for any leaks. None found, test drive for 5 miles rechecked for leaks, all looks good at this time.

We installed a heat tab that will tell us if the engine ever gets over heated after this repair work- if heat tab is ever melted or dis-torted the warranty is VOID (we took a photo of it)

Due to engineered ECM programming, the ECM, after having repairs done to related sensors & systems, and disconnecting the battery, it will now start running a complete set of self tests that may or may not turn the CEL on again

NOTES

see lots of pictures during replacement



07/22/21



07/22/21



07/22/21



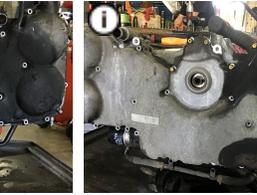
07/22/21



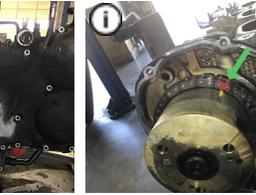
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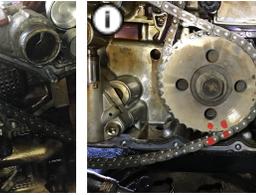
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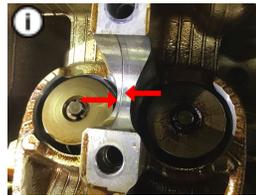
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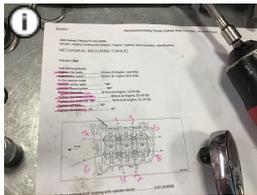
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08/04/21



08/04/21



08/04/21



08/09/21



Diff Service Rear

JOB DESCRIPTION

Rear Diff Service

Work Performed: Place Vehicle on lift. Remove necessary shields to gain access to check the levels and condition of the fluids. Drain completely and inspect the magnet for large metal particles Clean magnet . Replaced Drain Plug Washer with new and tightened to specs . Refilled with Proper Gear Oil to the full mark.

***Differential Fluids should be changed every 30,000 miles / 48,000 kilometers there after. If heavy towing, hauling or snow plowing is done then the fluid should be changed every 12 months or 15,000 miles / 24,000 kilometers.

NOTES

photos and a video of replacement



08/04/21

08/04/21

Air Filter - replace

JOB DESCRIPTION

Approved to replace the vital engine air filter as needed for preventative maintenance.

Work Performed:

The air filter incorporates a gasket and pleated paper that traps the dirt and debris that would otherwise damage internal engine components such as cylinders and pistons. It also acts like a muffler for the air intake system. Removed old filter, cleaned filter cavity of debris and installed new filter.

***Engine Air Filters should be replaced every 12,000 to 15,000 miles (19,000 to 24,000 Kilometers) or sooner if operating vehicle in dusty climate type environments.



08/04/21

Radiator Cap

JOB DESCRIPTION

Replace Radiator Cap



08/06/21

Aquapel Service & Wipers

JOB DESCRIPTION

Customer Approved to apply Aquapel Windshield Treatment as needed.

Work Performed:

Aquapel remarkably improves visibility in the rain by repelling rain, snow and sleet. Aquapel improves drivers visual acuity by nearly 35%. When your safety is involved Aquapel helps you see clearly and drive safer. and Replace Wipers.

***Aquapel extends the life of the wiper blades as well as providing better visions in inclement weather. Other benefits include rain beads up and rolls off, snow and ice are easier to remove, bugs and tree sap can be cleaned off glass with less difficulty.

***Aquapel should be reapplied every 6 months.



08/06/21

Cabin Filter - REPLACE

JOB DESCRIPTION

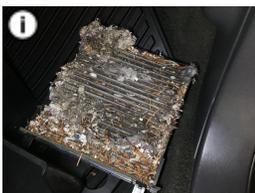
Customer Approved to replace the cabin filter as needed for preventative maintenance.

Work Performed:

The air circulating inside your vehicle can be six times dirtier than outside air due to the pollen, mold, exhaust gases and dust flowing through your heating, ventilation, and air conditioning system. Think of the cabin air filter as a HEPA filter for your vehicle.

Removed the needed covers and trims and the old filter. Cleaned the filter cavity and reassembled with a new filter.

***Cabin Filters should be replaced every 15,000 miles / 24,000 kilometers or every 12-15 months. If driven in dusty environments then sooner as needed. Extended driving on plugged cabin filters creates excessive pollen and bacteria build up plus shortens the life of expensive AC/Heater blower motors.



08/06/21



08/06/21



08/06/21

Transmission Fluid - Syn

JOB DESCRIPTION

Transmission Fluid Exchange . Work Performed:

-Road tested prior and there are ___NO___ shifting concerns. The fluid level is ___FULL___. The fluid condition is CONTAMINATED.

-Added chemical to suspend the containments in the fluid, ran the Transmission through the gears.

-Positioned vehicle on lift as needed. Inspected for leaks.

-Hooked up the Trans fluid exchange machine to the Trans cooler lines and monitored the Trans fluid being pump by the customers Trans through the machine until the fluid was a normal color. Topped off the fluid and road tested and reinspected the fluid level and condition. OK at this time.

***Automatic Transmission should be Cleaned & Serviced a maximum of every 3 years or 30,000 miles / 48,000 kilometers which ever comes first. If towing, heavy hauling or snow plowing then every 15,000 miles / 24,000 kilometers.

NOTE: If the Trans fluid was very dark it will need to be monitored. If it turns dark again in 3-6 months recommend removing, disassemble

Brake Fluid Exchange

JOB DESCRIPTION

Work Performed:

-Cleaned the master cylinder cap area and evacuated the old fluid from the reservoir. Filled with fresh fluid and followed the manufacturers brake flushing and bleeding procedures and for each wheel and the overall systems. Flushed with the manufacturers spec fluid or higher. DOT 3 type Fluid.

-Road tested and the brake hydraulics system is working well at this time. Reinspected and no leaks. Brake Fluid is Hydroscopic (absorbs moisture) and should be Cleaned & Serviced every 2 years or 24,000 miles / 38,000 kilometers which ever comes first. Preventative brakes vital fluid services help extend critical hydraulic components life saving you time and money.

NOTE: Some brake master cylinders have reservoirs that even after cleaning are stained from the old fluid and give the appearance the fluid may be still dirty. This is merely cosmetic in appearance and does not reflect the new brake fluids ability to function



08/04/21

Check Engine Light L1

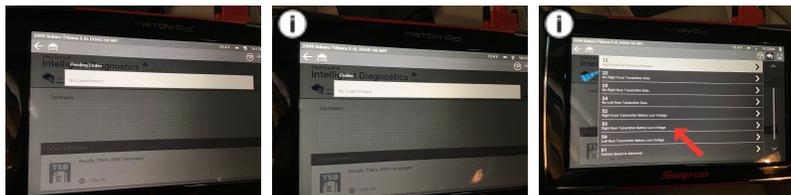
JOB DESCRIPTION

Customer Approved Check Engine Light Diagnostics:

A Check Engine Light (CEL) can come on for hundreds of different reasons. Our trained technician uses his professional computer to plug into your vehicle's 'OBD Port'- This allows our computer to talk to your vehicle's computer and scan all systems, We will retrieve the set codes that come up, that may be one code, or multiple codes - we can watch Parameter id's, investigate live data, and on most cars we can see what time and what speed the vehicle was going when the light turned on. Sometimes codes are related, sometimes they are not- in cases that they are not related, that will require a level 2 test to be performed. Technician will access our diagnostic database to inspect for Manufacturer Technical Service Bulletins, and Tech Reference site for update repair procedures, parts, and possible factory recalls. The technician will explain the steps and procedures he took to investigate your CEL concern
NOTE: Due to engineered Engin

NOTES

On this Subaru I don't see the check engine light on, anyway I used the scanner to see if there's any codes but at this time I don't have any code, the light I see it was the tire pressure sensor and I check the codes and I found different codes for the tires sensor (see picture)



08/06/21

08/06/21

08/06/21

DYE CHECK POWER STEERING

JOB DESCRIPTION

Work Performed: Place Vehicle on Lift, Add Dye to the Power Steering Fluid. Raise vehicle on lift and run Engine. Check for leaks using special dye light and glasses to pin point leak.

NOTE: Oil Leak repairs can be a several stage process to stop all oil leaks. After the initial oil leak repairs are done it can happen that additional leaks will become evident due to either the oil pressure and/or crank pressure will now put full pressure on the next weakest gasket or seal. Also where the old leak was covering it may mask a lower gasket or seal. Customer is to monitor the oil level and if it is going low, deeper diagnosing and repairs will need to be performed.

Technician Notes & Findings from Investigation: I clean around the steering rack and take some pictures how is right now, on this situation I need check the car again in one month to see if the steering rack leaking or the engine was leaking before and spill oil under the car

NOTES

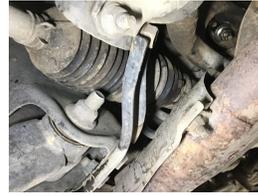
I clean around the steering rack and take some pictures how is right now, on this situation I need check the car again in one month to see if the steering rack leaking or the engine was leaking before and spill oil under the car



08/06/21



08/06/21



08/06/21

Replace 2 Tires

JOB DESCRIPTION

Customer Approved to install & balance TWO tires as needed. Work Performed: Includes installation of tire onto rim, cleaning of rim, installation of new valve stem and computer balance of tire. See below for Wheel Alignment. The new tire locations are: LF RF LR RR Includes complimentary Brake, Steering and Suspension ***Tires & Wheel should be rotated every 6,000 miles / 10,000 kilometers and have a Balancing Service & alignment done every 12,000 miles / 20,000 kilometers to maximize not only tire life but critical steering and suspension parts that develop excessive wear from tire/wheel in-balance vibrations.



08/04/21

Knock Sensor

JOB DESCRIPTION

Work Performed: Remove necessary brackets and shields to gain access to the knock sensor and wiring. Remove knock sensor, clean knock sensor mounting and replace with new knock sensor. Replace the removed shields and brackets. Access the computer and clear the code(s) and relearn the computer with scan tool. Test drive.

This sensor creates a voltage signal based on the vibrations caused by detonation. The computer uses this signal to retard timing when spark knock occurs. The knock control system adjusts the ignition timing for the octane rating of the gasoline used.

NOTE: Due to engineered ECM programming, the ECM, after having repairs done to related sensors & systems, will now start running a complete set of self tests that may or may not turn the CEL on again immediately. Some tests, if failed, can take up to 3-5 cold to warm up cycles before setting a code. If the CEL comes back on deeper diagnosing and repairs will need to be done.



08/09/21



08/09/21

Alignment Quick Check

JOB DESCRIPTION

Perform a Wheel alignment quick check to indicate potential abnormal tire wear and/or fuel mileage robbing conditions.

Work Performed:

-Road tested. See Wheel Alignment Diagnostic Inspection form for any concerns.

-Performed Steering & Suspension Dynamic Load tests. If failed, components will need to be replaced prior to alignment.

inspect steering and suspension system including tire condition and air pressure

put vehicle on alignment rack, mount and compensate sensors

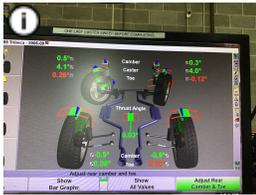
print out alignment readings (Performed every 6 months)

NOTE: Alignments can sometimes need more than simple adjustments. Some cars may require parts to be installed and or replaced before correcting alignment. Some vehicles also might need a lot of extra time if we come to find seized bolts or nuts- this could possibly not be discovered until we go to start to perform the alignment. We will, however let you know as soon as we do.

(Technicians Findings) -This vehicle needs a 4 way alignment

NOTES

This car need four way alignment



08/09/21



08/09/21



08/09/21

Radiator Replace

JOB DESCRIPTION

Work Performed: Place Vehicle on lift. Remove necessary shields to gain access to the Radiator Drain, Drain Radiator. Remove Necessary Shrouds and Shields to gain access to the Radiator Mount bolts. Remove Radiator. Replace with New Radiator and hose clamps as necessary. Fill with fresh engine coolant, Check for leaks. Replace all necessary shields and shrouds. Run engine to operating temperature make sure coolant flow is good and the cooling fan cycles on. Test drive and re-check for leaks. None Found

*****With the engine coolant Radiator leaking the engine may have had minor to major overheating that could have taken life out of related parts. There may be a weak component that was short lived and possibly fail in the near future in which case deeper diagnosing and or repairs will need to be done.**

Reminder:

Antifreeze should be changed every 2 years or 30,000 miles (50,000 km).

NOTE: Coolant Leak repairs can be a several stage process to stop all coolant leaks.



08/09/21



08/09/21



08/09/21

31 Good

Under Car

Drive Axle Boots

NOTES

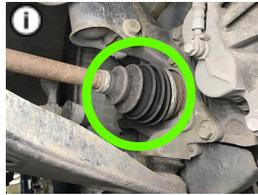
These are your axle boots, they are all in good condition



03/10/21



03/10/21



03/10/21



03/10/21

Check In

Current 4 Corner Car Photos



03/10/21



03/10/21



03/10/21



03/10/21

Headlight Lens Condition



03/10/21

VIN Plate Picture



03/10/21

Under Hood

Accessory Drive Belts / Serpentine Drive Belt



03/10/21

Battery- 12v



03/10/21

Under Car

Tire Size



03/10/21

Check In

Key FOB**Fuel Gauge****Windshield****Windows****Windshield Washers****Horn****Road Test****Parking Brake****Warning Lights****Interior Lights****Engine cranking****In Car****Turn Signals/Hazards****Headlights****Air Conditioning/Heater****Seat Belts****Under Hood****Cooling System Hoses****Cooling Fans****Intake Manifold Gasket(s)****Engine Mounts****Under Car****Tire Pressure****Brake Hydraulics****Suspension/Steering Check****Control Arm(s)****Stabilizer Bar Links & Bushings (sway bar)****Exhaust System****5 Needs future Attention****Check In****Interior Lights****NOTES**

Left map light out



03/10/21

In Car

Cabin Filter



Why this is important

CONDITION

Cabin Filter Due By Mileage To be changed
 We have no history of when the Cabin Filter was last replaced

RECOMMENDED ACTION

- Replace the Cabin Air Filter

NOTES

Requires glovebox and panel removal. Is not a quick check.



Why this is important

Under Car

Front Brakes



Why this is important

Brake pads are a key component in your vehicles braking...

CONDITION

Replace Brakes Soon

RECOMMENDED ACTION

- Replace the Front Brake Pads & Rotors

NOTES

5mm remaining on brake pads in the front we typically recommend brakes replaced at 3-4mm left



Why this is important

Brake pads are a key component in your vehicles braking...

Rear Brakes



Why this is important

CONDITION

The Brakes need to Be Replaced Soon

RECOMMENDED ACTION

- Replace the Rear Brake Pads & Rotors

NOTES

4mm remaining.-



Why this is important

Check In

Body Damage



03/10/21



03/10/21

24 Service Suggested This Visit

Check In

Instrument Cluster (Picture)



Why this is important

CONDITION

There is a warning light on on the dash
The Check Engine Light On
Tire Pressure Light is on

RECOMMENDED ACTION

- Recommend Performing a Check Engine Light Diagnostics
- Need to Inspect the Tire Pressure Monitoring System



03/10/21



Why this is important

Oil Change Sticker



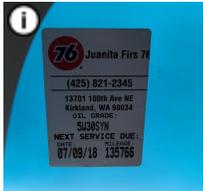
Why this is important

CONDITION

Way Over due according to sticker

RECOMMENDED ACTION

- This Vehicle needs a 3K Service- Oil & Filter Maintenance



03/10/21



Why this is important

Windshield Wipers



Why this is important

Aquapel remarkably improves visibility in the rain by repelling rain,...

CONDITION

Front
Rear
Aquapel

RECOMMENDED ACTION

- Replace Front Wiper Blades
- Replace Rear Wiper Blade

**Why this is important**

Aqualpel remarkably improves visibility in the rain by repelling rain,...

Road Test**Engine Performance**

CONDITION

The Engine Sounds like it is Knocking

RECOMMENDED ACTION

- We need to Perform an Engine Performance Diagnostics Test

NOTES

Did not test drive, noticeable ticking/knocking noise from engine when running. Will need time to diagnose.

In Car**Brake/Running Lights**

CONDITION

Fog Light Out

RECOMMENDED ACTION

- Replace Burnt Out Bulb
- Replace Lens



03/10/21

Under Hood**Engine Oil Condition****Why this is important**

Replacing Engine Oil on time is very important! It ensures...

CONDITION

The Engine Oil is Due By Mileage to be changed
The engine Oil is Due by date to be changed

RECOMMENDED ACTION

- This Vehicle needs a 3K Service- Oil & Filter Maintenance

NOTES

Has internal engine ticking/knocking noise BEFORE service.



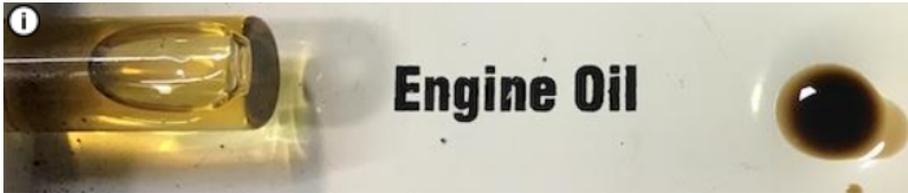
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Why this is important
Replacing Engine Oil on time is very important! It ensures...

Engine Coolant / Antifreeze Condition

Why this is important
***Failure to change antifreeze on time can result in the...

CONDITION

The Coolant Over Flow Bottle is empty upon arrival
We don't have history Of the Last Cooling System Service

RECOMMENDED ACTION

- Perform Cooling System Service
- Perform Cooling System Investigation



03/10/21

Why this is important
***Failure to change antifreeze on time can result in the...

Automatic Transmission Fluid Condition

Why this is important
***Failure to change transmission fluid on time can result in...

CONDITION

The Transmission Fluid is Due By Mileage To be Serviced
We don't have history of the Transmission Fluid being done

RECOMMENDED ACTION

- Perform Transmission Fluid Exchange- Syn



03/10/21



Why this is important

***Failure to change transmission fluid on time can result in...

Power Steering Fluid Condition



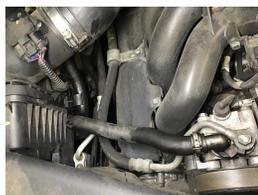
Why this is important

CONDITION

Power Steering Fluid is Leaking
The Power Steering Fluid is Due By Mileage To be Serviced
We have no history of the last time Power Steering Fluid was changed

RECOMMENDED ACTION

- Perform Power Steering Fluid Exchange (Subaru)



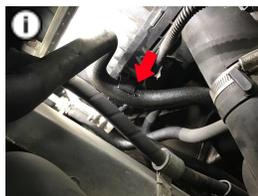
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Why this is important

Brake Fluid Condition



Why this is important

Brake fluid is naturally porous. Being in the pacific northwest...

CONDITION

Brake fluid is Due By Mileage To be Serviced
We don't have history of when Brake Fluid was done

RECOMMENDED ACTION

- Perform Full Brake Fluid Exchange



03/10/21



Why this is important

Brake fluid is naturally porous. Being in the pacific northwest...

Radiator

CONDITION

Cap appears to be over 7 years old

RECOMMENDED ACTION

- Replace the Radiator Cap



03/10/21

Air Filter for Engine



Why this is important

CONDITION

The Engine Air Filter is Dirty

RECOMMENDED ACTION

- Replace the Engine Air Filter



03/10/21



Why this is important

Spark Plugs



Why this is important

***Failure to have proper working spark plugs can result in...

CONDITION

Spark Plugs due according to Mileage
We don't have any history of when spark plugs were last done

RECOMMENDED ACTION

- Replace the Spark Plugs



Why this is important

***Failure to have proper working spark plugs can result in...

PCV Valve (Positive Crankcase Ventilation)



Why this is important

This Valve is ventilation for the crank case (engine oiling...

CONDITION

PCV Valve Due by mileage
We don't have any history of the valve being replaced

RECOMMENDED ACTION

- Replace the Positive Crankcase Ventilation Valve



Why this is important

This Valve is ventilation for the crank case (engine oiling...

De-Carbon Service & Fuel Injection Cleaning



Why this is important

Carbon is a naturally occurring product of combustion. It appears...

CONDITION

De-Carbon & Fuel Injection Cleaning Service Due by mileage
We don't have history of the last time this service was performed

RECOMMENDED ACTION

- Perform a Fuel Injection Cleaning & De-Carbon Service



Why this is important

Carbon is a naturally occurring product of combustion. It appears...

Engine Valves



Why this is important

It is vital to have your valves in proper working...

CONDITION

Valves are due by mileage to be Adjusted
We don't have any history of valves being adjusted

RECOMMENDED ACTION

- Remove Valve Cover/s and Check Valve Clearance(adjustment may be necessary)



Why this is important

It is vital to have your valves in proper working...

Under Car

Front Tires

NOTES

These rear tires have 3/32nds left - the fronts have 10/32nds, with an all wheel drive this is too much stress on the transmission and will ruin the transmission



03/10/21



03/10/21



03/10/21

Rear Tires



Why this is important

....

CONDITION

The Tires have Uneven Wear

RECOMMENDED ACTION

- Replace 2 Rear Tires

NOTES

Tread depth difference too large for and Subaru... someone only replaced front tires.



03/10/21



03/10/21



Why this is important

....

Tire Date

CONDITION

Tire Date __ Replace tires due to age

RECOMMENDED ACTION

- If tires are older than 5 Years they should be replaced soon



03/10/21

Front Strut/Shock Absorber



Why this is important

(will help brakes, Tires and other steering and suspension components...

CONDITION

The Front Struts/Shocks are Due By Mileage to be Replaced
We don't have History of When They Were Last Replaced
The Struts/Shocks Appear to be Original

RECOMMENDED ACTION

- Replace Front Strut Assemblies
- Check Vehicles Alignment After Suspension Replacement



03/10/21



Why this is important

(will help brakes, Tires and other steering and suspension components...

Rear Strut/Shock Absorber



Why this is important

(will help brakes, Tires and other steering and suspension components...

CONDITION

The Rear Shocks/Struts are Due By Mileage
We don't have History of When They Were Last Replaced
The Rear Struts//Shocks Appear to be Original

RECOMMENDED ACTION

- Replace Rear Strut Assemblies
- Check Alignment After Suspension Replacement



03/10/21



Why this is important

(will help brakes, Tires and other steering and suspension components...

Differential Oil Condition



Why this is important

Differential gear oil should be changed every 30K miles just...

CONDITION

Front Differential due to be serviced
Rear Differential due to be serviced
Differential Oil is Due By Mileage to be Serviced

RECOMMENDED ACTION

- Perform FRONT Differential Oil Service
- Perform REAR Differential Oil Service



Why this is important

Differential gear oil should be changed every 30K miles just...

Engine Oil Leak



Why this is important

Check for leaks using special dye light and glasses...

CONDITION

Engine Leaking Oil at a Level 2 (Forming Drip)

RECOMMENDED ACTION

- Add oil dye to system & have vehicle driven for up to 300 miles & then use UV light to detect exact

NOTES

Engine Leaking Oil- Needs Further Diagnostics to see where it is coming from- (Did you know that 7 million quarts of vehicle fluids go into the Puget Sound Watershed each year from leaking cars?!)



03/10/21



03/10/21



03/10/21



03/10/21



03/10/21



Why this is important

Check for leaks using special dye light and glasses...

Power Steering Fluid Leak



Why this is important

CONDITION

Power Steering Fluid Leaking at a Level 1 (seeping)

RECOMMENDED ACTION

- Perform leak diag including cleaning off most of the oil to help pin-point exact leak(s)

NOTES

See pictures under power steering fluid..



Why this is important



Differential Service Fron draining your differential oil



Differential Service Fron performing differential service



Differential Service Fron all good and sealed the drain plug!



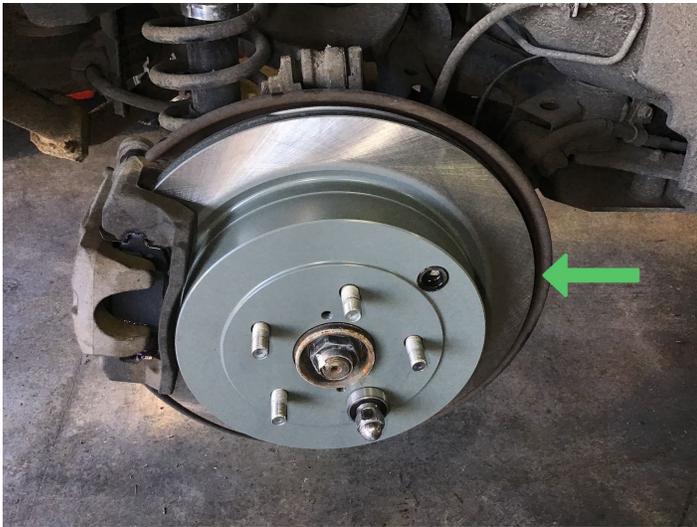
Differential Service Fron amount of fluid used for front diff service



REAR Brake Rotors & Pads before replacing the brakes!



REAR Brake Rotors & Pads other side old brakes



REAR Brake Rotors & Pads nice fresh new brake pads and rotors installed!



REAR Brake Rotors & Pads new brakes on other side :



FRONT Brake Rotors & Pads
old brakes!



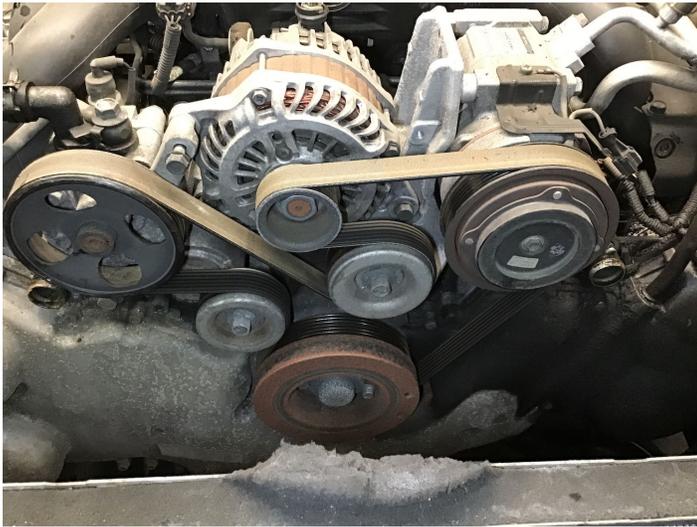
FRONT Brake Rotors & Pads
old



FRONT Brake Rotors & Pads
new!



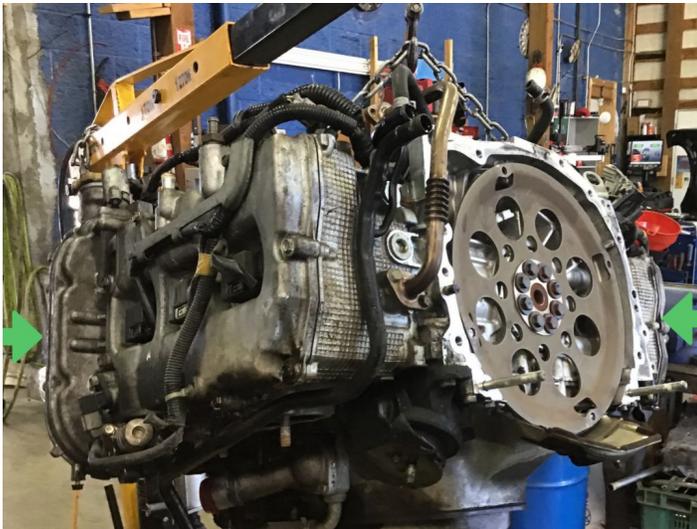
FRONT Brake Rotors & Pads
new pads & rotors!



Replace Engine



Replace Engine
removing the engine, in process!



Replace Engine
engine is out!



Replace Engine
this is under the hood with the engine
out -



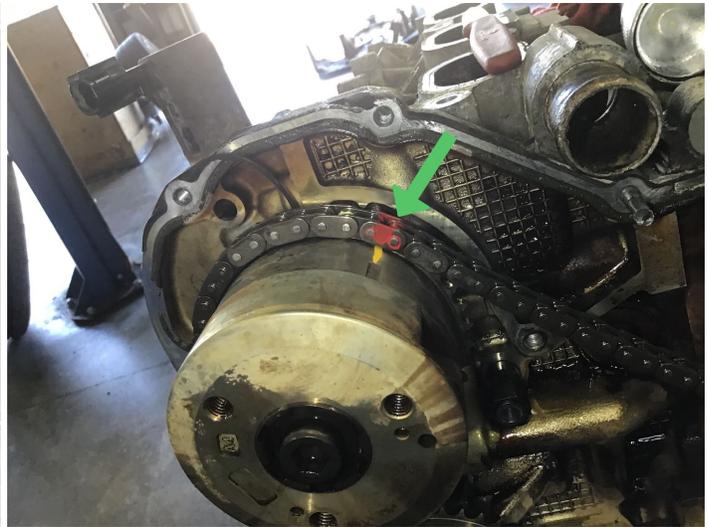
Replace Engine
engine out other side.



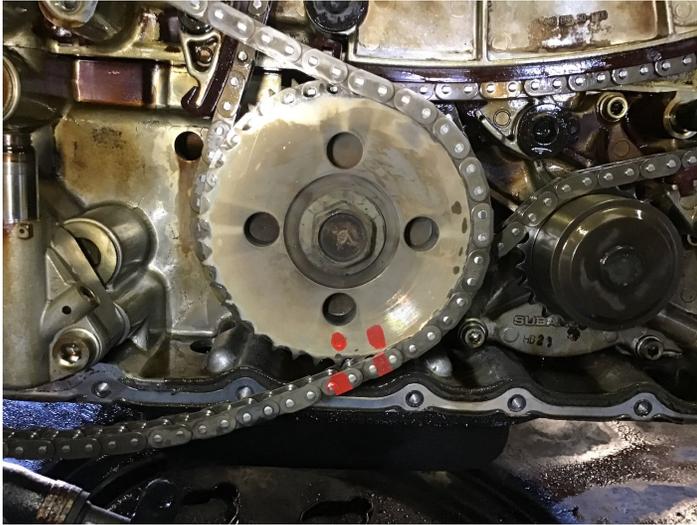
Replace Engine
This is the front of the engine, the
timing chain is under this huge front
cover !



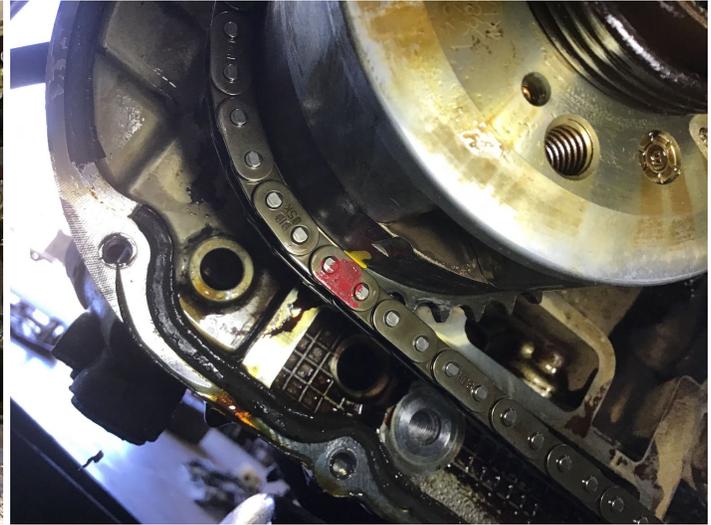
Replace Engine
front of engine



Replace Engine
timing chain marked



Replace Engine
marked timing chain on gears



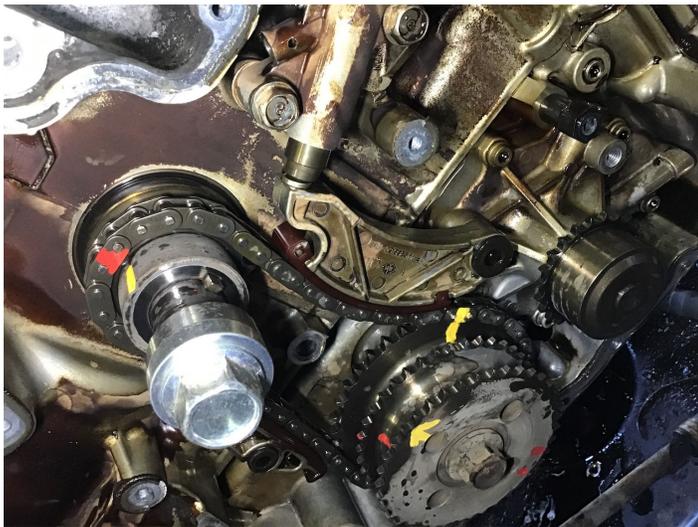
Replace Engine



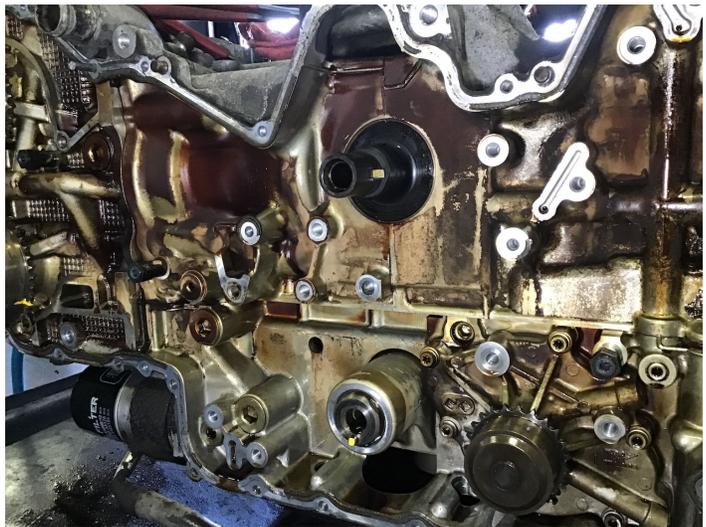
Replace Engine
Left side



Replace Engine
Left side



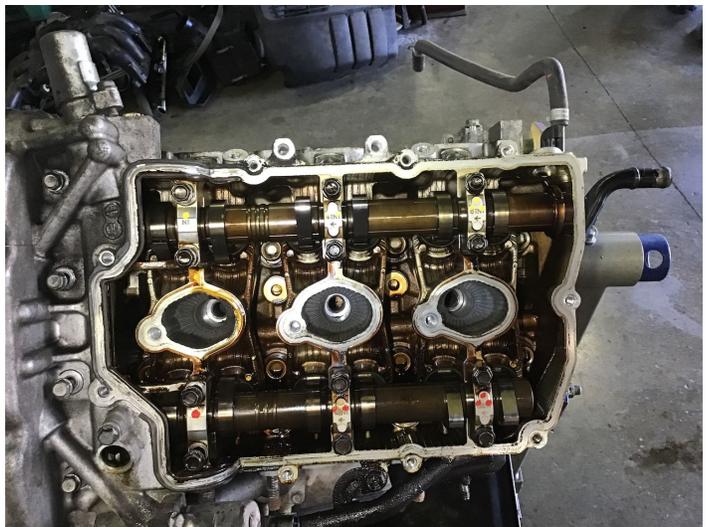
Replace Engine



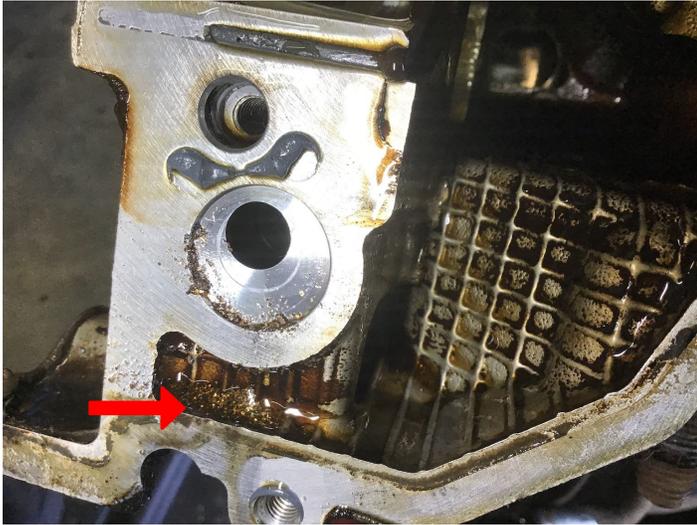
Replace Engine
engine with no timing chain or timing
cover



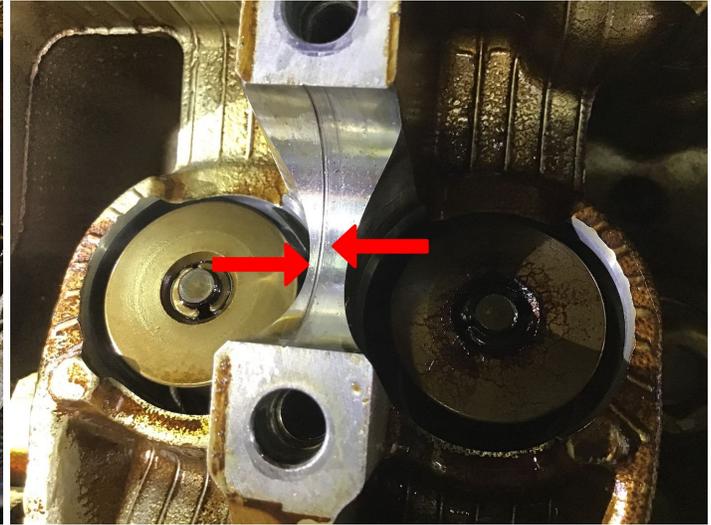
Replace Engine
again with out timing cover and chain



Replace Engine
looking inside the cylinder head here
with valve cover off!



Replace Engine metal from old engine failing



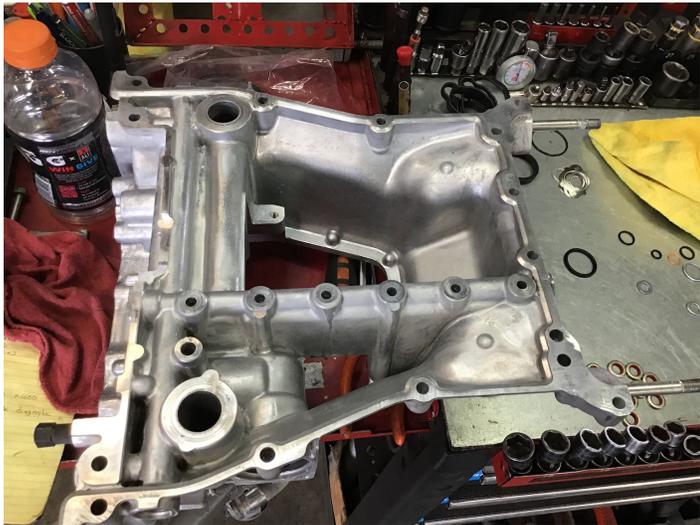
Replace Engine This scored line should NOT be here, we need to also replace the cylinder heads.



Replace Engine engine removed, cylinder heads also removed



Replace Engine flex plate for back of engine



Replace Engine
cleaning up the parts to re assmble !



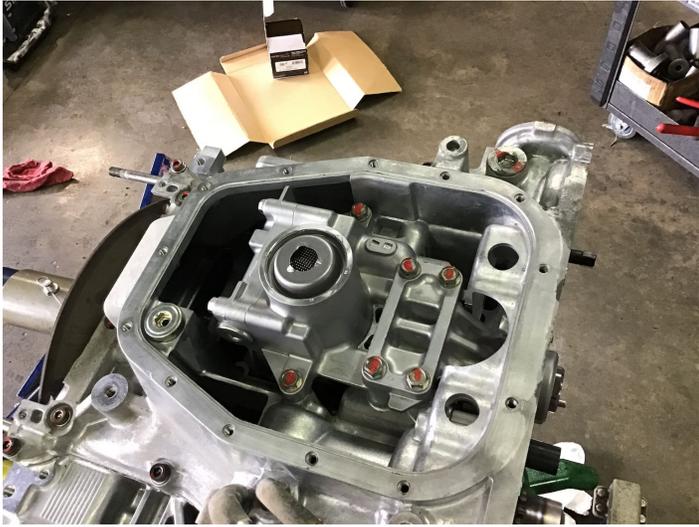
Replace Engine
nice brand new clean engine!



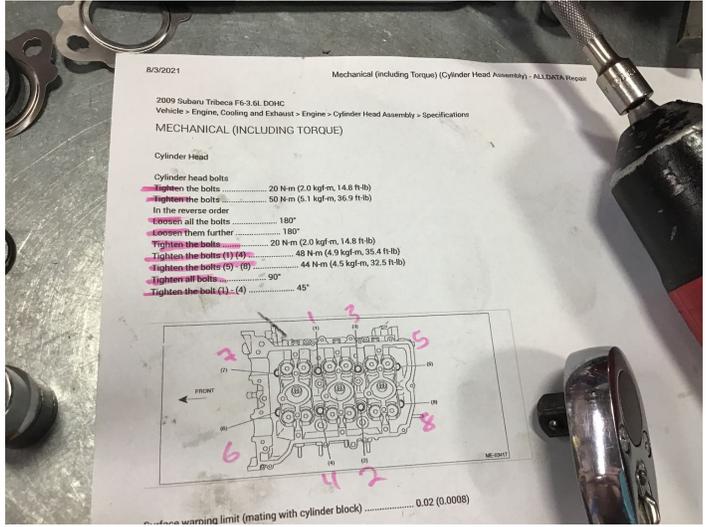
Replace Engine
brand new block being installed!



Replace Engine
front of new engine



Replace Engine
bottom of new engine with out oil pan
on



Replace Engine
specs for torquing



Replace Engine
new engine and new heads!



Replace Engine
front of new engine we are installing,
with timing chain installed, no timing
cover yet



Replace Engine timing cover installed engine ready to install!



Replace Engine heat tab installed! if this melts or distorts it will void warranty (when that happens it means the engine overheated)



Replace Engine other side heat tab installed



Replace Engine engine coming back together!



Replace Engine old battery



Replace Engine new battery!



Replace Engine



Diff Service Rear amount used in rear diff service of gear oil



Diff Service Rear sealed and marked!



Air Filter - replace new engine air filter installed!



Radiator Cap new radiator cap



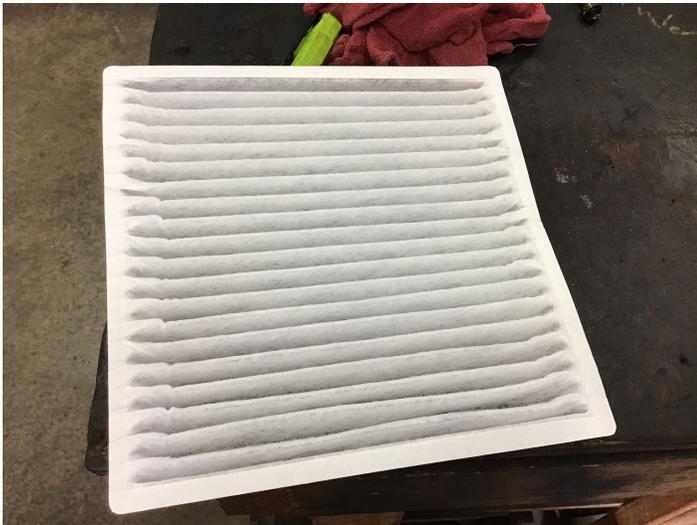
Aquapel Service & Wipers wipers used,



Cabin Filter - REPLACE
old nasty cabin air filter!



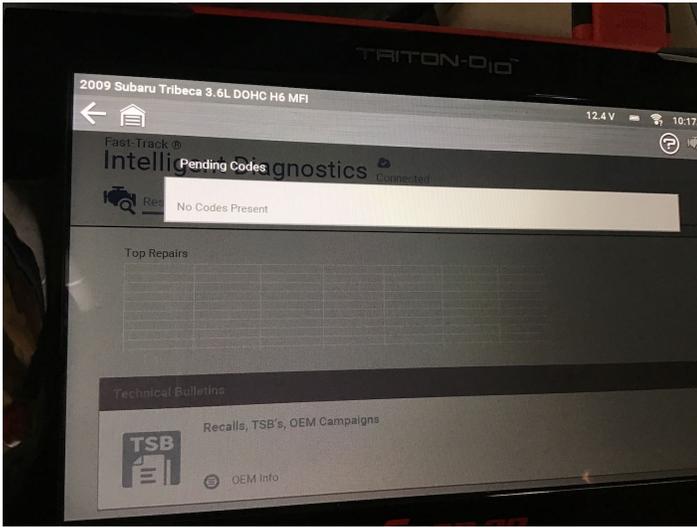
Cabin Filter - REPLACE
A rodent was definitely in this HVAC
box at one point!



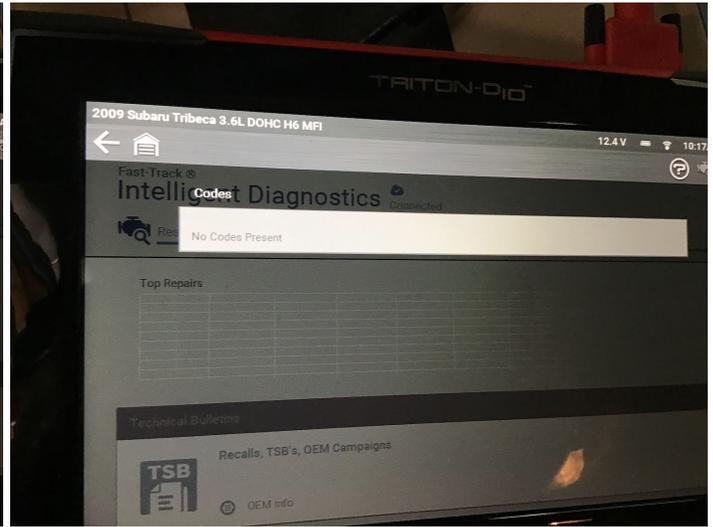
Cabin Filter - REPLACE
Nice clean fresh cabin filter after
cleaning out the HVAC and blower
motor



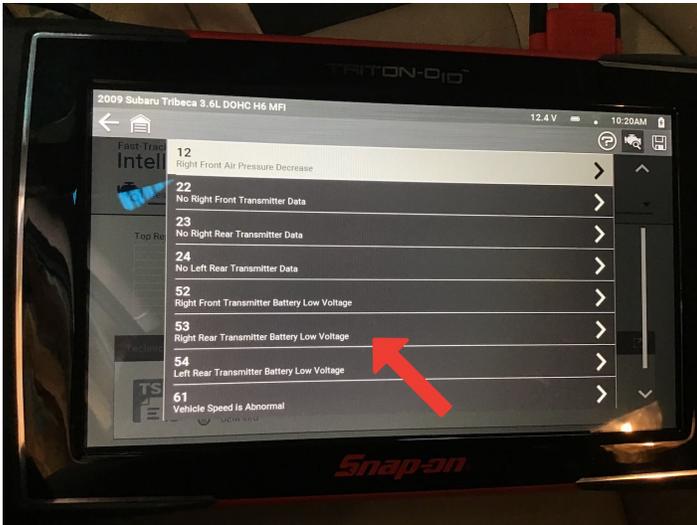
Brake Fluid Exchange
Clean brake fluid now!



Check Engine Light L1



Check Engine Light L1
No Codes present



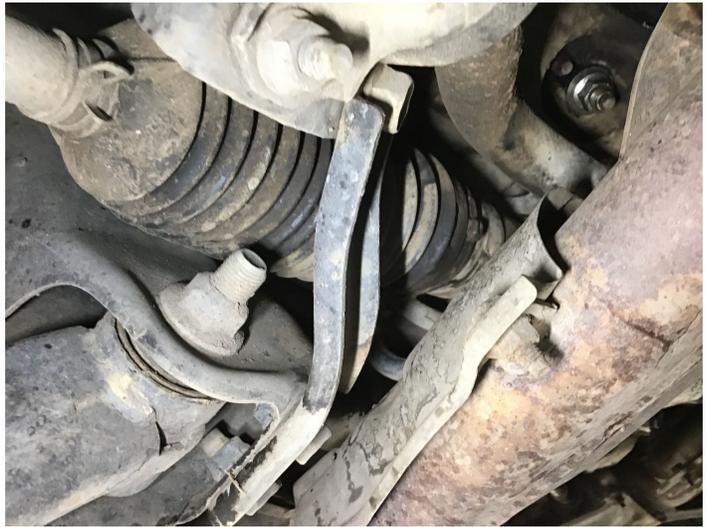
Check Engine Light L1



DYE CHECK POWER STEERING
cleaned up to detect p/s leak



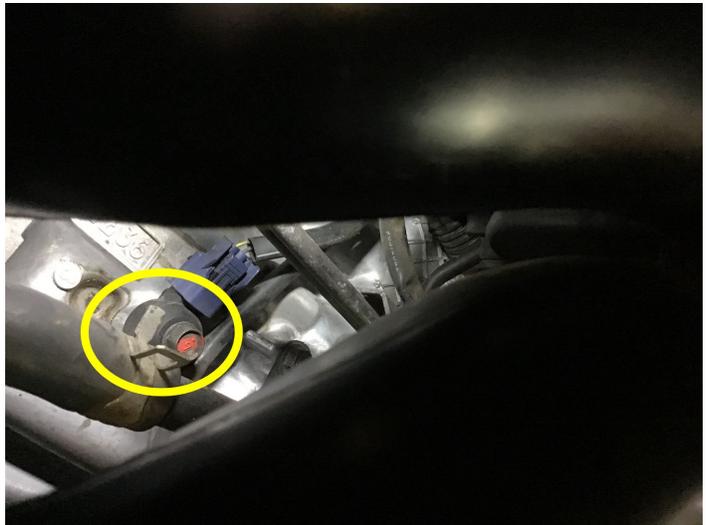
DYE CHECK POWER STEERING



DYE CHECK POWER STEERING



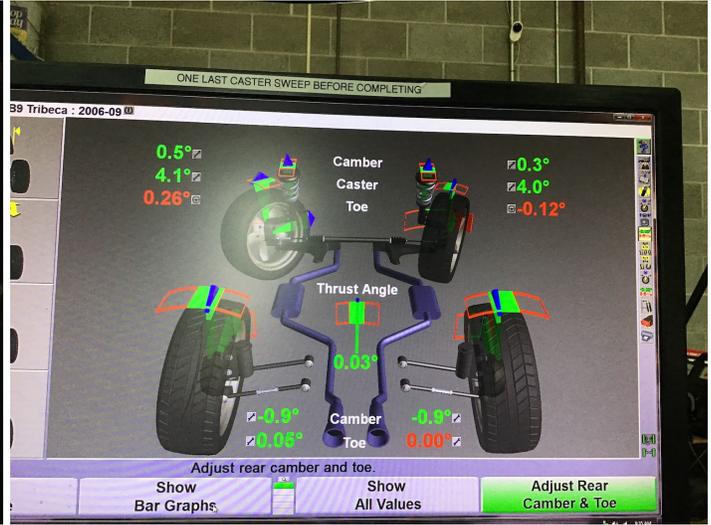
Replace 2 Tires
new tire! DOT



Knock Sensor
here is the knock sensor



Knock Sensor
other side knock sensor



Alignment Quick Check
Alignment specs



Alignment Quick Check
Rear right toe angle is out just slightly



Alignment Quick Check
Front toe angle out on both sides,
needs adjustment



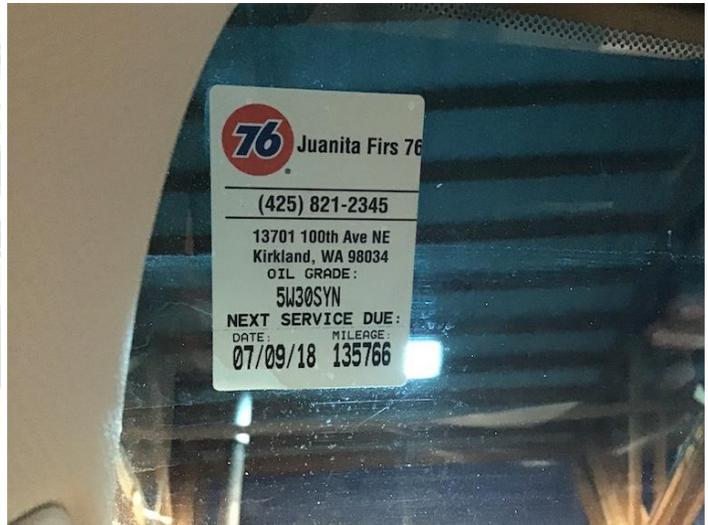
Radiator Replace
old leaky radiator



Radiator Replace
new radiator!



Radiator Replace
car with radiator out!



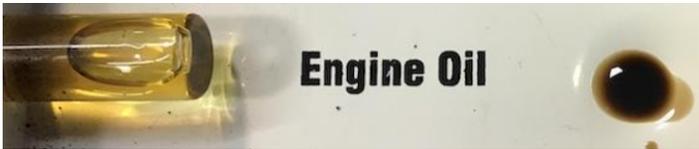
Engine Oil Condition



Engine Oil Condition

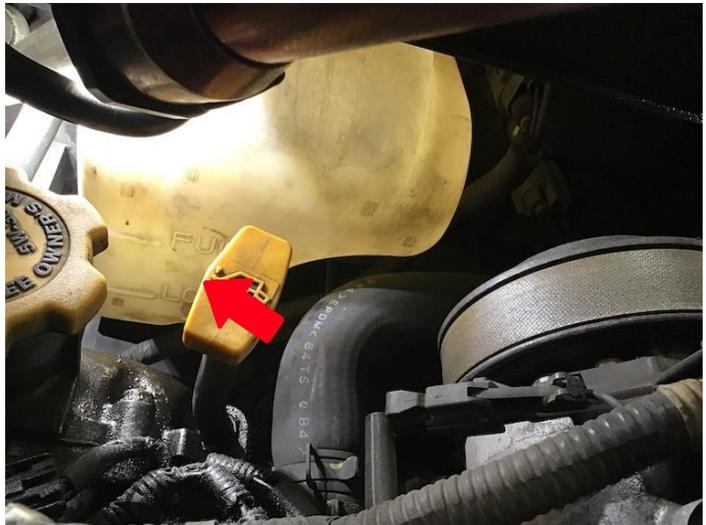


Engine Oil Condition



Engine Oil Condition

This is a sample of your engine oil on the right before we changed it- we wanted to get a good look at the oil to see if there were any metal in it because the noise sounds like internal engine noise



Engine Coolant / Antifreeze Condition

This is your cooling system reservoir, the coolant is very low upon arrival



Automatic Transmission Fluid Condition
 This is a current sample of your transmission fluid on the right. It was found very dark and discolored. Strongly recommend exchanging transmission fluid to preserve the transmission.



Power Steering Fluid Condition



Power Steering Fluid Condition
 this is your power steering fluid reservoir . Your power steering fluid was found contaminated, leaking, and low.



Power Steering Fluid Condition
 This is a current sample of your power steering fluid on the right. It appears to be a little discolored so we recommend changing it. It should also be bright red just like transmission fluid



Power Steering Fluid Condition
Damp return line, pump to reservoir.

Power Steering Fluid Condition



Brake Fluid Condition

This is your brake fluid reservoir, brake fluid should appear clear, it should also be changed every 30K miles or every 2 years

Accessory Drive Belts / Serpentine Drive Belt

this is your serpentine belt which drives the motors auxiliary components such as water pump and alternator, this belt was found in good



Brake/Running Lights



Radiator

Radiator cap is 7 plus years old and the seal is rubber underneath the cap and over time from expansion and contraction the caps seal begins to fail and the system will not be able to fully pressurize which changes the boiling point of the fluid and can cause over heating.



Air Filter for Engine

This is your engine air filter. It was found dirty, we recommend replacing filter as it is the filter that delivers vital air to the engines operation.



Current 4 Corner Car Photos



Current 4 Corner Car Photos



Current 4 Corner Car Photos



Current 4 Corner Car Photos



Battery- 12v
battery terminals are nice and clean



Body Damage



Body Damage



Headlight Lens Condition



VIN Plate Picture

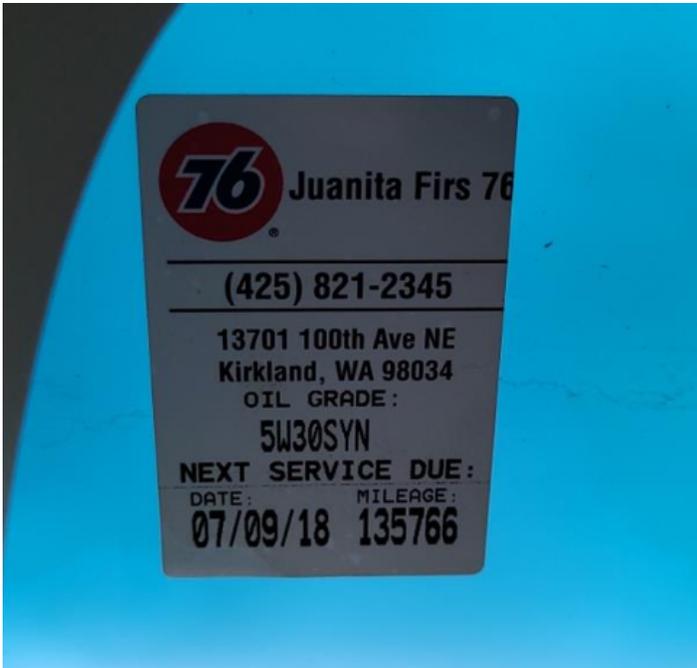


Instrument Cluster (Picture)

Check engine, tire pressure, and traction control lights are on upon arrival



Interior Lights



Oil Change Sticker

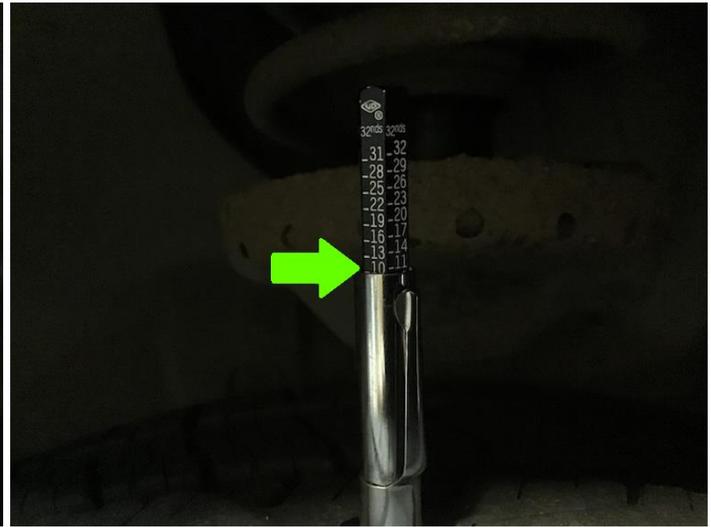


Front Tires

Front tires have 10/32ds left



Front Tires



Front Tires



Rear Tires



Rear Tires

These rear tires have 3/32nds left - the fronts have 10/32nds, with an all wheel drive this is too much stress on the transmission and will ruin the transmission

These rear tires have 3/32nds left - the fronts have 10/32nds, with an all wheel drive this is too much stress on the transmission and will ruin the transmission



Tire Date



Tire Size





Drive Axle Boots



Drive Axle Boots

This is one of your axle boots we took a photo of. All of your protective axle boots are in good condition



Drive Axle Boots

This is another one of your axle boots, they are in good condition at this time



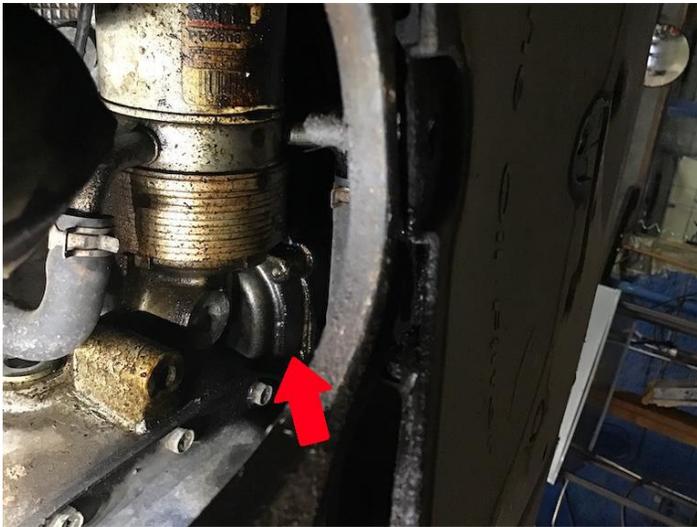
Drive Axle Boots



Engine Oil Leak
Valve cover gasket.



Engine Oil Leak
Timing chain case.



Engine Oil Leak



Engine Oil Leak



Engine Oil Leak