



John's 4x4

6367 Arapahoe Rd Suite B, Boulder, Co. 80303
303-449-2640
service@johns4x4.com

Work Order #23131

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02-18-20

INSPECTION REPORT

Steering and Suspension Inspection

<input checked="" type="checkbox"/>	Road Test - Brakes
<input checked="" type="checkbox"/>	Road Test - Transmission
<input checked="" type="checkbox"/>	Road Test - Steering / Handling
<input checked="" type="checkbox"/>	Road Test - Engine Operation / Noise
<input checked="" type="checkbox"/>	Road Test - Ride Quality / Suspension
<input checked="" type="checkbox"/>	Road Test - A/C & Heater Operation
<input checked="" type="checkbox"/>	Road Test - Brake Operation
<input checked="" type="checkbox"/>	Road Test - Vibration
<input checked="" type="checkbox"/>	Road Test - Power Windows, Locks, & Mirror Operation
<input checked="" type="checkbox"/>	Road Test - Other
	<p>Play in steering wheel is believed to be coming from the steering column adjuster, feels little sloppy up top, tighten up if you move it to a lower location.</p> <p>Low speed noise seems to be better after lubrications of t case shifter, relocation of t case is believed to be the cause</p>
<input checked="" type="checkbox"/>	Wipers - Front and Rear (if applic)
<input checked="" type="checkbox"/>	Lighting - License Plate
<input checked="" type="checkbox"/>	Lighting - Headlamps
<input checked="" type="checkbox"/>	Lighting - Dash
<input checked="" type="checkbox"/>	Lighting - Tail and Brake Lights
<input checked="" type="checkbox"/>	Lighting - Emergency Flashers
<input checked="" type="checkbox"/>	Lighting - BU Lamps
<input checked="" type="checkbox"/>	Lighting - Other
<input checked="" type="checkbox"/>	Instrumentation - Dash Warning Light
<input checked="" type="checkbox"/>	Electrical - Battery Condition
<input checked="" type="checkbox"/>	Electrical - Battery Cables
<input checked="" type="checkbox"/>	Electrical - Battery Terminals
<input checked="" type="checkbox"/>	Electrical - Auxillary Connections (if applic)
<input checked="" type="checkbox"/>	Electrical - Fog Lamps & Accessory Lamps (if applic)



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Pass side fog lamp inoperable
Markings on bulb
OBEN
B
E12
1909
Zkw
357

Electrical - Other

Under Hood - Fluids - Brake

Discolored
Recommend flush with next brake service

Under Hood - Fluids - Power Steering

Discolored, brownish in color
Recommend flush

Under Hood - Fluids - Engine Oil

Under Hood - Fluids - Transmission (Auto)

Under Hood - Fluids - Coolant

Under Hood - Drive Belts

Under Hood - Pulleys & Tensioners

Under Hood - Radiator Hoses

Look to be original, in decent shape

Under Hood - Heater Hoses

Look to be original, In decent shape

Under Hood - Air Filter

Under Hood - Timing Belt (chain)

Under Hood - HVAC - A/C Compressors & Hoses

Under Hood - HVAC - Water Pump

Under Hood - HVAC - Radiator, Cap, & Overflow

Under Hood - HVAC - Cabin Air Filter

None

Under Hood - Other

Under Car - Exhaust System

Under Car - Suspension



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Track bar and frame mount bushing have movement
Recommend replacing with heavy duty unit (lifted vehicle)

Under Car - Shocks / Struts

Under Car - Visible Leaks

Front pinion seal appears to be leaking
Recommend replacing

Front main seal appears to be leaking
Recommend replacing

Valve cover appears to be leaking rear passenger side, looks like it may have been fixed previously and not cleaned properly or it could still be leaking

Oil pan is missing one of the forward position bolts

T case to trans looks to have been leaking, previously repaired with RTV, still looks wet, may have not been cleaned well

Under Car - U-Joints & CV Joints

Under Car - Steering Components

Driver side ball joints have movement, upper and lower
Recommend replacing with SPC offset ball joints (lifted vehicle)
As a set(4total)

Tie rod at pitman are, drag link and adjuster sleeve are worn out, slop in the threads of the adjuster, threads of drag link and upper tie rod have been compromised from being left loose
Recommend replacing

Under Car - Transmission Fluid (manual)

Discolored, slightly dirty, some really small glittery metal
Recommend fluid replacement

Under Car - Transfer Case Fluid

Slightly discolored
No immediate action required

Under Car - Front Differential Fluid

Dirty
Recommend fluid replacement along with pinion seal replacement
(Cover off, no drain)

Under Car - Rear Differential Fluid

Dirty
Recommend fluid replacement
(Cover off, no drain)

Under Car - Other

Noise under 5mph is believed to be the shifter linkage, linkages are in other than factory location with t case drop/spacers

Sprayed with dry lube to hopefully help with noise



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<input checked="" type="checkbox"/>	Tires - Left Front
<input checked="" type="checkbox"/>	Tires - Right Front
<input checked="" type="checkbox"/>	Tires - Left Rear
<input checked="" type="checkbox"/>	Tires - Right Rear
<input checked="" type="checkbox"/>	Tires - Spare
<input checked="" type="checkbox"/>	Tires - Other
	Dated (5011) Recommend Tires.
<input checked="" type="checkbox"/>	Brakes - Disc Brake Pads
	Front pads less than 5mm Recommend replacing soon
<input checked="" type="checkbox"/>	Brakes - Disc Brake Rotors
	Replace with pads
<input checked="" type="checkbox"/>	Brakes - Drum Brake Shoe
<input checked="" type="checkbox"/>	Brakes - Drums
<input checked="" type="checkbox"/>	Brakes - Other
<input checked="" type="checkbox"/>	Pre-Lift Height Measurements