

**Resolution:**Removed applied grease to the shifter shaft and reinstalled the bolts with lock tight.

**Parts**

Part #	Qty	Description	Price	Discount	Total
GSP4101005	1.00	2017 ARCTIC CAT REAR GSP NEW	\$218.34	\$0.00	\$218.34
0570-444	1.00	LINE,FUEL	\$195.99	\$0.00	\$195.99
0817-074	1.00	O-RING,-014	\$3.25	\$0.00	\$3.25
0817-061	1.00	SHAFT,SHIFT	\$75.95	\$0.00	\$75.95
0817-072	1.00	SEAL,TRIPLE LIP-0.984X2.047X0.394	\$61.75	\$0.00	\$61.75
0817-067	1.00	SUBASSY,BELLCRANK	\$70.99	\$0.00	\$70.99
394428	1.00	SECONDARY CLUTCH ROLLER POL	\$75.99	\$0.00	\$75.99
2436-865	3.00	EXTREME PRESSURE TRANSAXLE	\$27.95	\$0.00	\$83.85

**Parts Subtotal** **\$786.11**

**Labor**

Description	Technician	Hours	Total
	Marc Gagnon	5	\$575.00

**Labor Subtotal** **\$575.00**

**Job Subtotal** **\$1,361.11**

Approve:  Decline:

**REBUILD SECONDARY CLUTCH**

**Description:**REBUILD SECONDARY CLUTCH AND INSTALL NEW PRIMARY CLUTCH

**Parts**

Part #	Qty	Description	Price	Discount	Total
UMK-0900-0288	1.00	CLUTCH TRAILBLOC ARCTIC CAT	\$749.99	\$0.00	\$749.99

**Parts Subtotal** **\$749.99**

**Labor**

Description	Technician	Hours	Total
	Tayte Madden	0	\$0.00

**Labor Subtotal** **\$0.00**

**Job Subtotal** **\$749.99**

Approve:  Decline:

<b>All Jobs Subtotal:</b>	<b>\$8,885.35</b>
<b>Shop Supplies:</b>	<b>\$50.00</b>
<b>SHIPPING:</b>	<b>\$450.00</b>
<b>GST - 5.00%:</b>	<b>\$469.267</b>
<b>Total:</b>	<b>\$9,854.62</b>
<b>Less Deposits:</b>	<b>\$0.00</b>
<b>Total Due:</b>	<b>\$9,854.62</b>

# Detail

**Unit** 2016 ARCTIC CAT #U2016XLIMITED Wildcat X  
 Limited Trail  
 VIN/Serial No:4UF16MPVXGT305339

**Color:**RED  
**Plate:**

**Keyboard:**KEY 96 B3A

**Odom/Hrs In:**0

**Out:**0

## SMOKING ISSUE

**Description:**SMOKING AND RUNNING BAD (WHITE/GREY)  
 DIAGNOSE PRESSURE TEST HEAD GASKET?

**Resolution:**Draw it from the side to the back. Check oil no oil and machine no longer in transmission new clean, Added oil did compression test  
 Removed box rear bumper and all plastics in the way in the rear/sides. And removed middle and rear skid plate

Drained coolant. Removed clutch cover, clutches and rear clutch cover. Removed air box and throttle body. Removed exhaust heat shields and muffler. Removed multiple connectors and coolant lines.

There was 15 mins I was draining oil and got another couple connectors off and fuel line.

Got coolant lines off and out of the way. Disconnected starter and clamps holding wires to engine. Disconnected oil lines. Removed motor mount bolts and pulled engine out and got on bench.

Threw unit on jacks. Took wheels off. Took callipers off. Got axles out. Had issues with them both. Took off the shift linkage and connectors from tranny. There was a bracket that was in the way of pulling tranny out. Had hell of a time removing bolts needed Marc's help. Finally got bracket bolts out and then had to fight to get tranny off the drive shaft. Finally got it out after some persuading. Disassembled entire top end and removed pistons. Made sure everything was labeled and taken out properly. Cleaned off transmission case with brake clean and air. Pulled everything off exterior of transmission. Axle cup was still stuck in transmission and had hell of a time getting it out. Finally got it out. Got cases split. Inspected components. Need to get Troy to see if he sees anything wrong  
 Diagnosed low gear issue.

### Labor

Description	Technician	Hours	Total
DIAGNOSE	Troy Thompson	8	\$864.00
<b>Labor Subtotal</b>			<b>\$864.00</b>
<b>Job Subtotal</b>			<b>\$864.00</b>
Approve: <input checked="" type="checkbox"/>			Decline: <input type="checkbox"/>

## INSTALL REBUILT ENGINE

**Description:**

**Resolution:**Installed new oil filter and spark plugs. Installed the engine into the machine and started to hook up hoses. Plugged off openings. Finished hooking up coolant lines and tightened all clamps. Cleaned throttle body out and cleaned and tested injectors had issues getting injectors out. Installed throttle body and hooked up all electrical plugs on the engine. Installed exhaust and gaskets. Installed heat shields and muffler. Hooked up starter and routed all lines as needed. Installed air box. Installed inner clutch cover, had to repair threads on 2 bolts. Started to route cvt vents pipes. Organized and sorted through the customers parts. Went to rebuild clutches and found out the primary is not in yet. Had to find out oil type and filled oil. Filled coolant. Cleaned air filter and air filter housing.  
 Got unit started, then topped up oil. Then ran unit up to temp and cycled fan. Put on the inside panels, box panels tail lights and side panels. Got primary off and removed inner clutch over to get intake pipe on. Got both diff seals in. Went to put axle in had issues but eventually got it in.

### Parts

Part #	Qty	Description	Price	Discount	Total
0817-219	2.00	SEAL, TRIPLE LIP-F40 F70 7T	\$28.95	\$0.00	\$57.90
MISCO	1.00	MOTOR ARCTIC CAT CCMOTPIECE	\$4,500.00	\$0.00	\$4,500.00
CR8EB	2.00	CR8EB NGK SPARK PLUG	\$7.95	\$0.00	\$15.90
0712-0174	1.00	OIL FILTER ARCTIC CAT	\$13.95	\$0.00	\$13.95
<b>Parts Subtotal</b>					<b>\$4,587.75</b>

### Labor

Description	Technician	Hours	Total
Motor install- bleed coolant	Tayte Madden	7	\$805.00
axle seals, brakes etc	Tayte Madden	4.5	\$517.50
<b>Labor Subtotal</b>			<b>\$1,322.50</b>
<b>Job Subtotal</b>			<b>\$5,910.25</b>
Approve: <input checked="" type="checkbox"/>			Decline: <input type="checkbox"/>

## REBUILD TRANSMISSION

**Description:**REBUILD AND INSTALL TRANSMISSION

**Resolution:**Rebuilt the transmission and installed into the machine.

Found the shifter lever loose. Removed the shifter cover and found the shifter bolt and bracket bolts were loose.

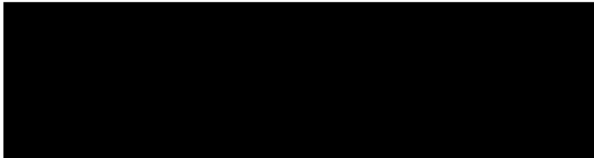
914-1

**Top Gear Cycles**  
13010 99 St.  
Grande Prairie, AB T8V 4T2  
Phone: (780) 357-3377 / 7809780516

**Repair Order**  
**Due: \$9,854.62**

Doc Number: 30097  
Service Writer: Lexie Carty  
Date Printed: 04/11/2024  
Date Promised: 10/27/2023

**Ryan Fenton**



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**Summary**

Approve	Decline	Unit	Job	Job Total
<input checked="" type="checkbox"/>	<input type="checkbox"/>	2016 ARCTIC CAT #U2016XLIMITED	SMOKING ISSUE	\$864.00
<input checked="" type="checkbox"/>	<input type="checkbox"/>	2016 ARCTIC CAT #U2016XLIMITED	INSTALL REBUILT ENGINE	\$5,910.25
<input checked="" type="checkbox"/>	<input type="checkbox"/>	2016 ARCTIC CAT #U2016XLIMITED	REBUILD TRANSMISSION	\$1,361.11
<input checked="" type="checkbox"/>	<input type="checkbox"/>	2016 ARCTIC CAT #U2016XLIMITED	REBUILD SECONDARY CLUTCH	\$749.99
<b>Job Subtotal:</b>				<b>\$8,885.35</b>
<b>Misc:</b>				<b>\$500.00</b>
<b>Job Parts Subtotal:</b>				<b>\$6,123.85</b>
<b>Job Labor Subtotal:</b>				<b>\$2,761.50</b>
<b>GST - 5.00%:</b>				<b>\$469.267</b>
<b>Total:</b>				<b>\$9,854.62</b>
<b>Less Deposits:</b>				<b>\$0.00</b>
<b>Total Due:</b>				<b>\$9,854.62</b>

I HEREBY AUTHORISE THE ABOVE REPAIR WORK TO BE DONE ALONG WITH THE NECESSARY MATERIALS. YOU AND YOUR EMPLOYEES MAY OPERATE ABOVE VEHICLE FOR PURPOSES OF TESTING, INSPECTION OR DELIVERY AT MY RISK. AN EXPRESS MECHANICAL LIEN IS ACKNOWLEDGED ON ABOVE VEHICLE TO SECURE THE AMOUNT OF REPAIRS THERETO. IT IS ALSO UNDERSTOOD THAT YOU WILL NOT BE HELD RESPONSIBLE FOR LOSS OR DAMAGE TO VEHICLE OR ARTICLES LEFT IN VEHICLE IN CASE OF FIRE, THEFT OR ANY OTHER CAUSE BEYOND YOUR CONTROL. ANYTHING LEFT AFTER 6 MONTH WILL BE CLAIMED AS PROPERTY OF TOP GEAR CYCLES. A SERVICE FEE OF \$5.00 PER DAY UP TO \$50 PER MONTH WILL BE CHARGED IF VEHICLE IS NOT PICKED UP WITHIN 14 DAYS OF NOTIFICATION OF COMPLETION

Thank You For Your Business!

Signature: \_\_\_\_\_