

**Galloping Goose #5 - Maintenance - Yearly
Lubricants and Filters - Revised 7-31-2023 R.J.**

Item	Detail	Part Number	Comment (2023)
			6/21-27/2023 R.J.
Bearing Cups	80 W - 90	PBJ Bearing oil from D&SNG	---
Chain Oil Before season and touched up as needed	Labeled "Chain Oil" in pump oil can Lately have been using spray lube at the beginning of the season, reapplied when it "looked" like it was needed.	Chain Oil Source – Frontier Mechanical, 7921 RD 25 (Off RT 184) near Dolores, CO (Dart Nielson) Spray?	---
<u>Front Drive Axle</u>	GL5 Brass compatible	GL5 Brass compatible	OK
<u>Real Drive Axle</u>	Same as Front Axle	GL5 Brass Compatible	OK
Oil in Motor	SAE 15 - 40	Rotella (from Shell -non foaming)	
Oil Filter	R.J. ordered 4 for stock – (2023) In the future we will need to convert to a "spin on" filter.	WIX51005 <u>CarQuest 85005</u> – ordered 4 for stock. (2023)	Replaced and now have 4 in stock (2023)

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Motor Capacity	8 qts capacity plus 1 for filter	Oil level on dipstick midway between "full" and "add oil". (We put in 8 qt., which gives the midway reading.)	Changed 8 Qts ½ way between full and add
Radiator Coolant	50/50 mix	Fill over core tubes	OK
Transmission	90W	GL5, same as drive axles?	OK
Air Cleaner (Oil Bath)	Fill to "Line" – Change every year.	5w-30	OK, no water detected this time – changed oil
SEE ALSO TUNE-UP DATA BELOW			
Check condition of drive belts on Water Pump and Compressor and Alternator			OK
Lube Water pump (a plug) on the right side of the pump	30w	Screw plug	Done

Item	Detail	Part Number	Comment (2023)
Oil the Starter oil cups (3) - BUT one is hidden on the Bendix of the starter.	Remove the starter to reach the oil point on the nose of the Bendix.	azJoe was advised when reinstalling the starter to "Use care not to strip the bolts. They would be very difficult to fix." NOTE: When reattaching the power cable, be sure to align the scratch I put on the stud with the axis of the starter. Of the contact will not hit the other contact when the motorman presses the starter pedal.	All cups Lubed including nose of the Bendix
Check for wasps nest in the cab bell.	Wasps nests removed and the new cab bell installed as old went to CRRM and No 7.		OK
Check stove pipe for bird's nest			O.K.
Check roof ro any leaks in Bus Body and Freight Box			O.K.
Grease cup found on distributor shaft			Done
Check Wicker/Can seat conditions			OK

Item	Detail	Part Number	Comment (2023)
Refill water tank in the freight box, and check outflow rate.	Do not believe we use the tank anymore.		-
Check Air Compressor air filter	Replaced and bought 2 more for stock. Type D-2 Governor and Air Compressor: tested before each run MAX 80 psi. Compressor kicks in at 70 psi.	(NAPA 2714)	Replaced and bought 2 more for stock.
<u>Air/Liquid separator:</u>	Speedair with 1/4" comp. fittings	6ZC24 (NAPA says its from Grainger – no longer available 2/2015 This may not have been changed in a while.	Not changed
<u>TUNE-UP DATA</u>			
Points and Condenser for	GMC 361 CID inline 6 cyl	(NAPA CS763A)	OK
Point setting	0.020		Checked OK
Points		NAPA CX673A	Checked OK
Condenser		NAPA RR 174	Checked OK
Valves set at	0.012 hot both intake and exhaust		---

Item	Detail	Part Number	Comment (2023)
Firing Order clockwise 1,4,2,6,3,5	NOTE: This is NOT the same as the sequence stamped on the engine or manifold		-
Spark Plugs	"0.035" Per GGHS#5 Maintenance notes. Current 0.030" and running fine. Motor Documentation: Before 1945 0.025" after 0.030"	Plugs: Autolite 86 NGK 5858 John Hernandez replaced NGK with AC.	REPLACED #6 because of chipped porcelain. (2023) Regapped other plugs
Fuel Filter in line type with 5/16" nipples		Duralast FF3424 Carquest 86032	---
Rotor Distributor		NAPA RR83	OK
Distributor Cap		NAPA PR95	OK
MISC:			
Reverser Box	New Installation	Ken Vance wants to use "Lucas oil" to reduce the gear sound.	---
Pilot Bearing:	No servicing recommendations found.	Carquest 303-CC	---

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