

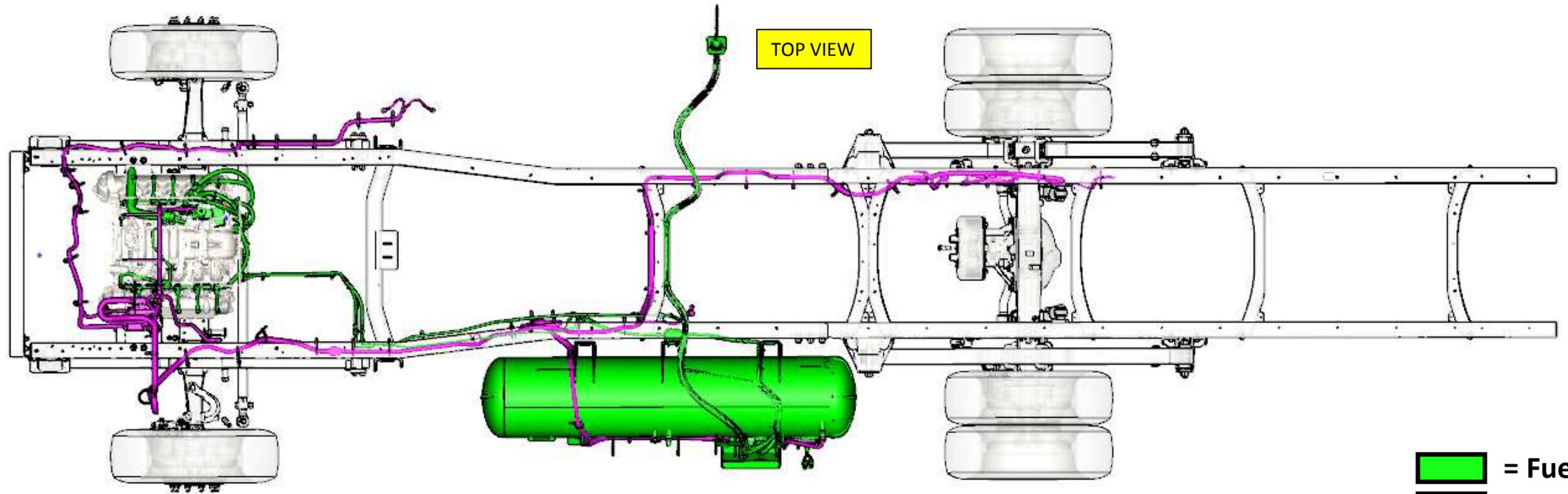
2017+ Ford F59

Gen 4 Liquid Propane Autogas Fuel System

BODY BUILDERS GUIDE



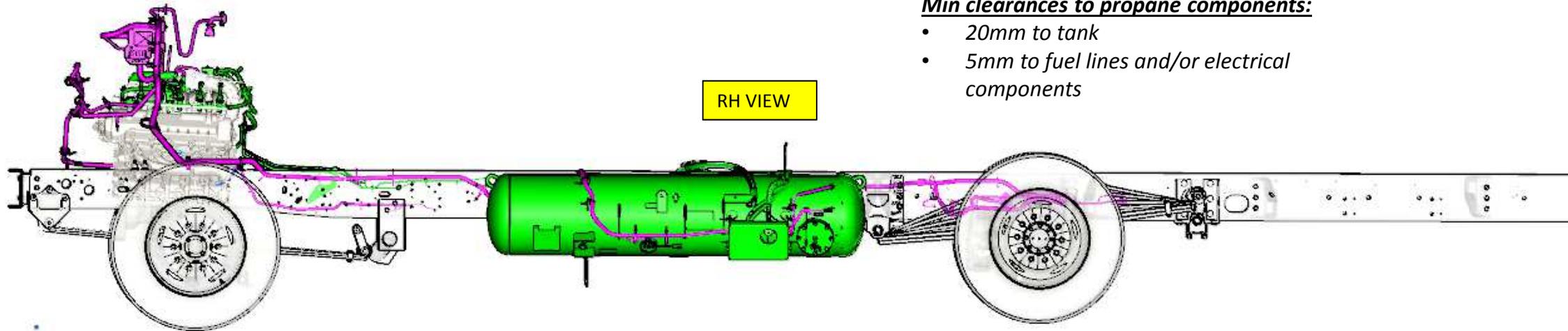
Contact 800-59-ROUSH for any inquiries



 = Fuel System
 = Electrical System

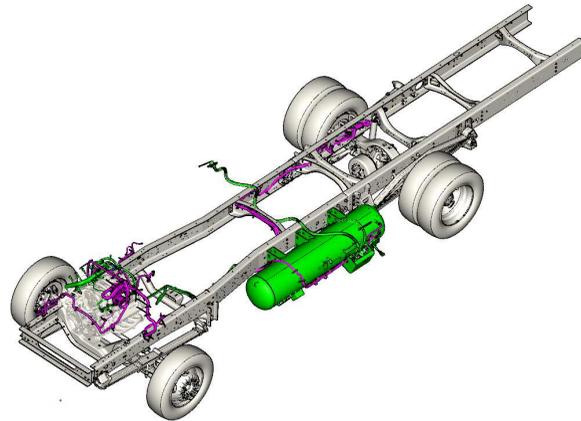
Min clearances to propane components:

- 20mm to tank
- 5mm to fuel lines and/or electrical components



168WB	75" Tank (inches)
Wheelbase/OAL	168"/310.1"
A	58.7
B	133.7
C	0.5
D	16.0
E	7.25
F	14.5
G	18.6
H	22.6
I	36.2
J	40.2
K	56.0
L	60.0
M	75.0
N	4.0
O	20.0
P	26.3

*ALL UNITS IN INCHES



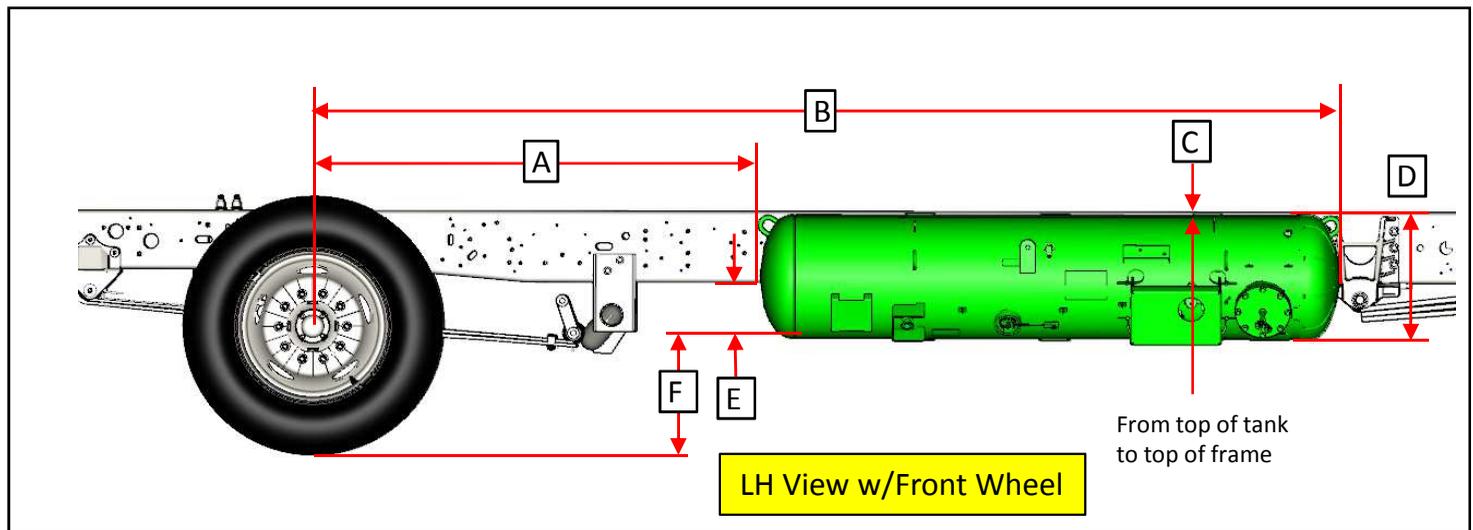
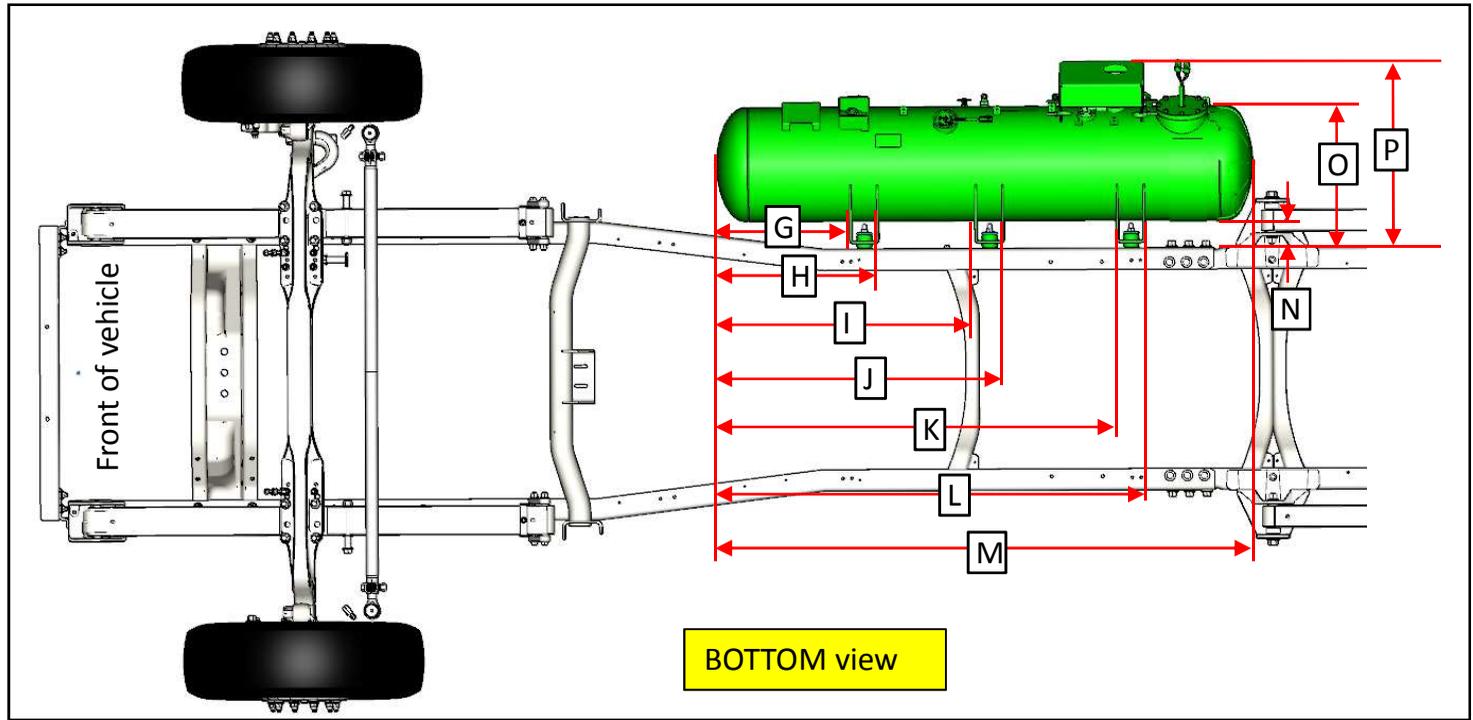
Note: Tank position relative to front wheel is the same for all frame lengths

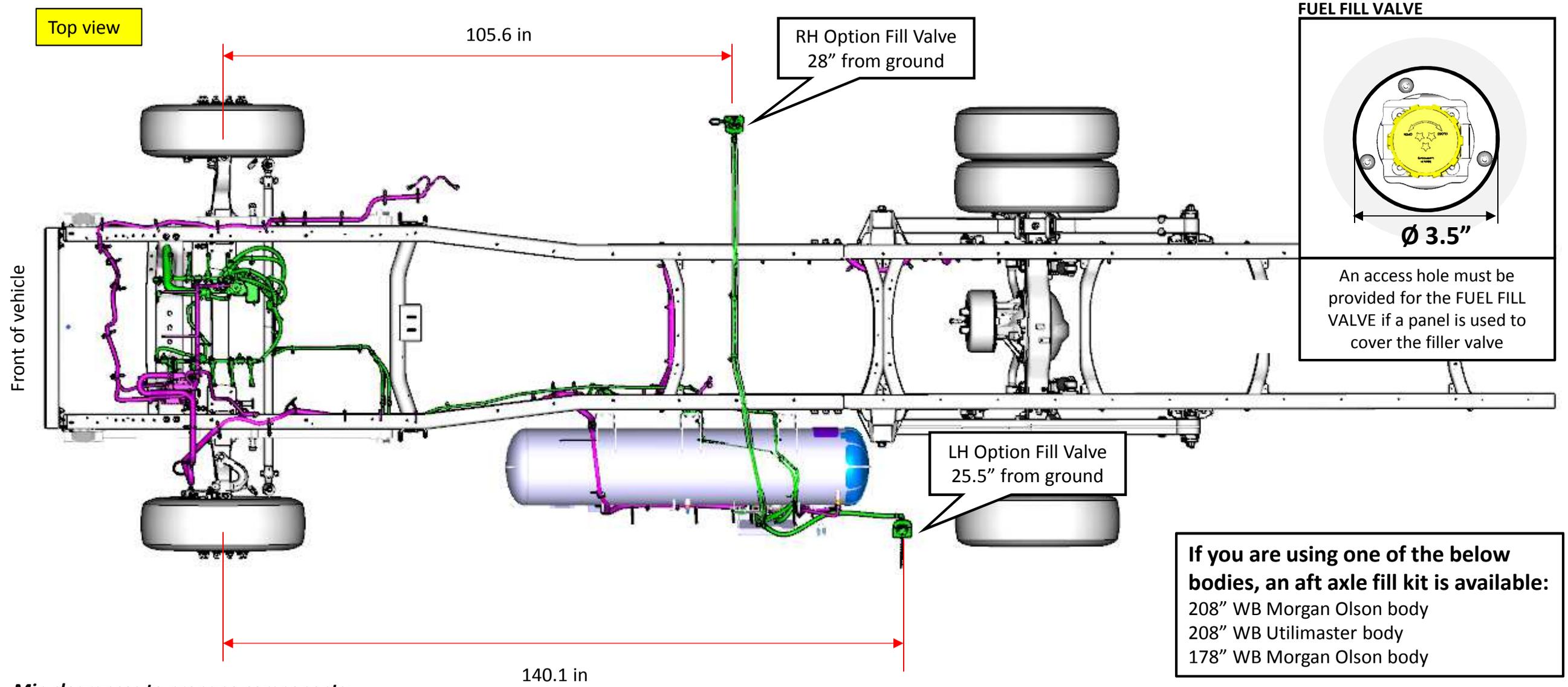
Wheelbases supported:
168", 178", 190", 208".

158" is NOT supported.

Min clearances to propane components:

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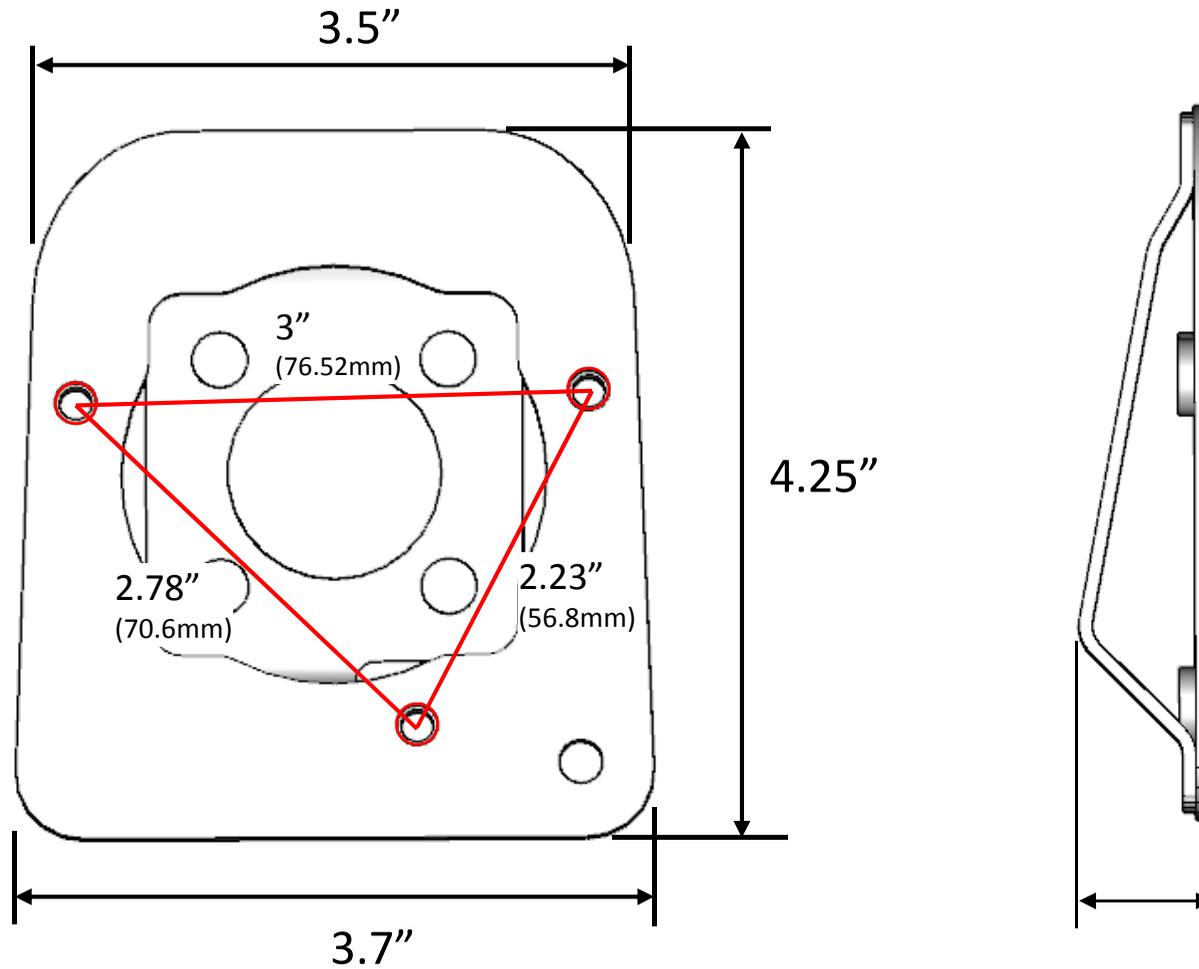


Min clearances to propane components:

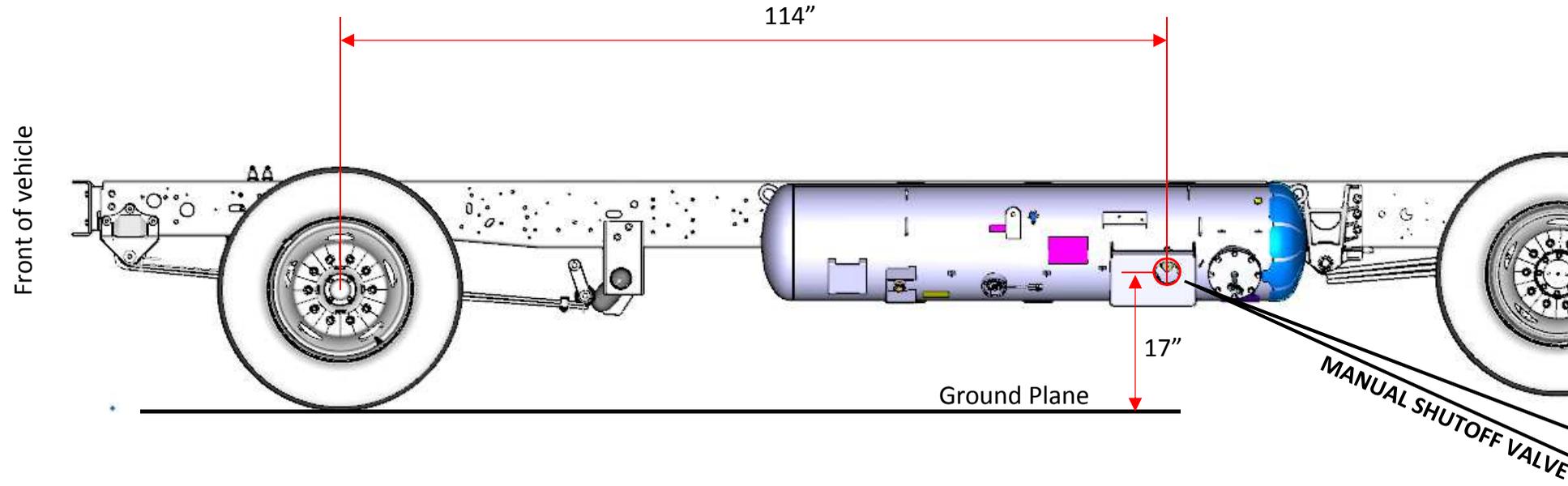
- 20mm to tank
- 5mm to fuel lines and/or electrical components

If you are using one of the below bodies, an aft axle fill kit is available:
 208" WB Morgan Olson body
 208" WB Utilimaster body
 178" WB Morgan Olson body

Every kit will include a fill valve bracket, with the dimensions seen below. This will need to mount securely to your vehicle using the three bolt holes shown below



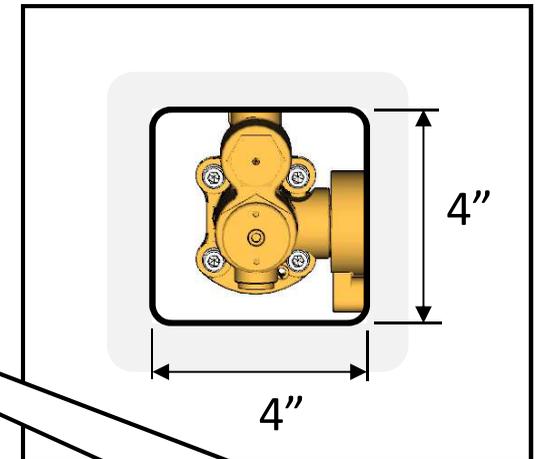
SIDE, LH VIEW



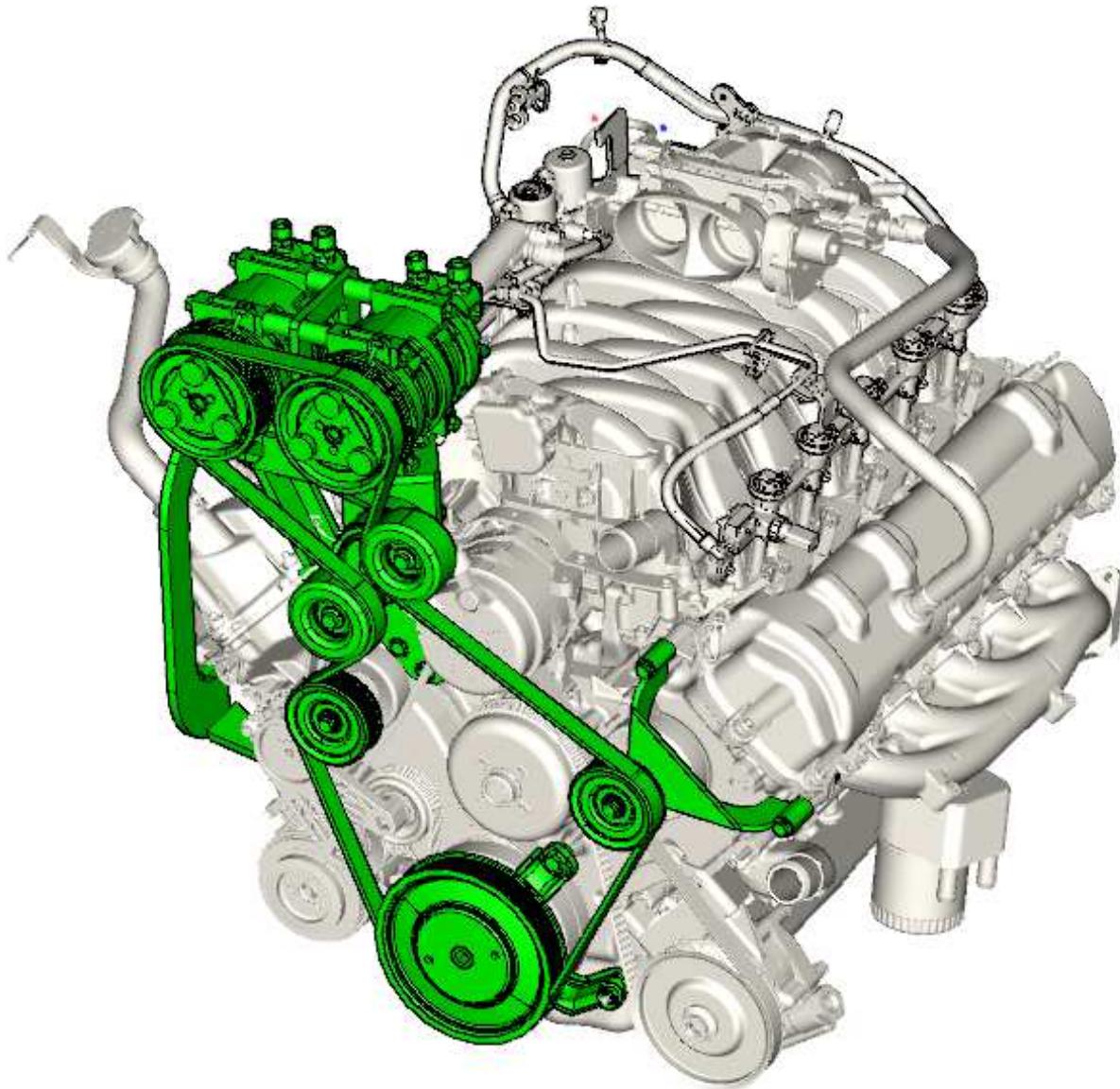
Min clearances to propane components:

- 20mm to tank
- 10mm to fuel lines and/or electrical components

Access to manual shutoff valve MUST NOT be impeded.



If a panel is to cover the side of the tank, an access hole must be provided for the shutoff valve



Dual AC System from TransAir (Kit #4013447) is the only system verified to be compatible with the Roush Propane fuel system. Other manufacturer systems may not be compatible or may require additional modifications.

AC system as installed on the Ford 6.8L 3V is highlighted in green.

Propane fuel system supports a **DUAL** AC system.

Note: does not support a triple AC system

Manufacturer: TransAir (Kit# 4013447)

WB	Tank	Driver Front (lbs)		Passenger Front (lbs)		Driver Rear (lbs)		Passenger Rear (lbs)		Front Axle (lbs)		Rear Axle (lbs)		Vehicle Total (lbs)	
		Empty tank	Full tank	Empty tank	Full tank	Empty tank	Full tank	Empty tank	Full tank	Empty tank	Full tank	Empty tank	Full tank	Empty tank	Full tank
168"	40gal gas	2366	2384	2216	2234	2944	3046	2694	2796	4582	4618	5638	5842	10220	10460
	Single 75" prop	2472	2536	2274	2291	3103	3189	2971	2993	4745	4827	6075	6182	10820	11009
178"	40gal gas	2366	2383	2216	2233	2944	3047	2694	2797	4581	4615	5639	5845	10220	10460
	Single 75" prop	2478	2548	2276	2294	3097	3178	2969	2990	4754	4841	6066	6168	10820	11009
190"	40gal gas	2365	2381	2215	2232	2945	3048	2695	2799	4581	4613	5639	5847	10220	10460
	Single 75" prop	2486	2560	2278	2297	3089	3165	2967	2987	4763	4857	6057	6152	10820	11009
208"	40gal gas	2365	2380	2215	2230	2945	3050	2695	2800	4580	4610	5640	5850	10220	10460
	Single 75" prop	2495	2576	2280	2301	3080	3149	2965	2983	4775	4877	6045	6132	10820	11009

	Driver Front (lbs)		Passenger Front (lbs)		Driver Rear (lbs)		Passenger Rear (lbs)		Front Axle (lbs)		Rear Axle (lbs)		Vehicle Total (lbs)	
	Empty tank	Full tank	Empty tank	Full tank	Empty tank	Full tank	Empty tank	Full tank	Empty tank	Full tank	Empty tank	Full tank	Empty tank	Full tank
168" WB														
Δ(Single 75" prop-40gal gas)	159.0	143.0	277.0	196.7	163.1	209.2	436.5	339.8	106.0	152.0	58.0	57.1	600.0	549.0

	Driver Front (lbs)		Passenger Front (lbs)		Driver Rear (lbs)		Passenger Rear (lbs)		Front Axle (lbs)		Rear Axle (lbs)		Vehicle Total (lbs)	
	Empty tank	Full tank	Empty tank	Full tank	Empty tank	Full tank	Empty tank	Full tank	Empty tank	Full tank	Empty tank	Full tank	Empty tank	Full tank
178" WB														
Δ(Single 75" prop-40gal gas)	152.7	130.9	274.7	193.0	172.8	226.0	427.2	323.5	112.3	165.0	60.0	61.2	600.0	549.0

	Driver Front (lbs)		Passenger Front (lbs)		Driver Rear (lbs)		Passenger Rear (lbs)		Front Axle (lbs)		Rear Axle (lbs)		Vehicle Total (lbs)	
	Empty tank	Full tank	Empty tank	Full tank	Empty tank	Full tank	Empty tank	Full tank	Empty tank	Full tank	Empty tank	Full tank	Empty tank	Full tank
190" WB														
Δ(Single 75" prop-40gal gas)	144.4	116.7	272.2	188.3	182.5	244.1	417.5	304.9	120.6	179.0	63.0	65.0	600.0	549.0

	Driver Front (lbs)		Passenger Front (lbs)		Driver Rear (lbs)		Passenger Rear (lbs)		Front Axle (lbs)		Rear Axle (lbs)		Vehicle Total (lbs)	
	Empty tank	Full tank	Empty tank	Full tank	Empty tank	Full tank	Empty tank	Full tank	Empty tank	Full tank	Empty tank	Full tank	Empty tank	Full tank
208" WB														
Δ(Single 75" prop-40gal gas)	135.0	99.1	270.0	182.7	195.0	267.3	405.0	281.7	130.0	196.1	65.0	71.0	600.0	549.0