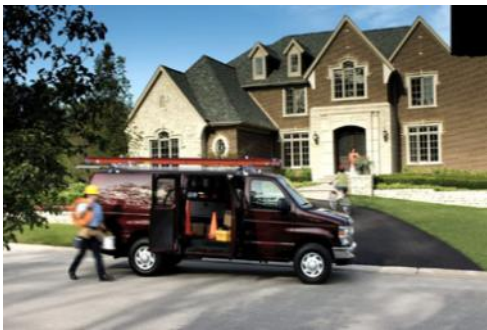




Reference Guide For Stock Autogas Tanks

With over 60 years of experience, Manchester Tank has been a global leader in the design and manufacture of single, double and triple manifold ASME autogas tanks and equipment in North America, Australia and South America.



Our mission is to set the industry standard for quality and reliability while providing customers with the resources, service and technical support necessary to be profitable in a competitive global market.

With our help, fleet operators are now saving money and getting a quick return on their investment, helping the environment by reducing their carbon footprint and promoting the use of a domestically-produced energy source.

Supported by a highly trained engineering and design staff and an outstanding customer service team, our state-of-the-art manufacturing facilities in Bedford, IN and Quincy, IL provide the flexibility needed to accomplish our mission and meet the needs of our customers. Our tanks are manufactured to ASME Section VIII, Division I Code and meet NFPA # 58 standards for engine fuel applications.



We're working harder than ever to balance the energy equation of technology, economics and environmental responsibility.

Autogas Tank Features

- Liquid, vapor or dual service options for autogas tanks
- Standard features: 80% stop fill device, seal welded stainless steel ASME nameplate, direct or remote fill options and engineered strap brackets or custom designs are available
- All tanks designed for 312 PSI maximum allowable working pressure
- Multiple testing procedures, including pneumatically tested with dry air, eliminating water and corrosion
- Tanks designed and constructed in accordance with the ASME Section VIII Division I Code latest edition
- Standard tanks designed for faster and safer installation and ease of use



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Mounting in Cars

For mounting in car trunks. Fits Ford Taurus, Chevrolet Impala, Chevrolet Caprice and Dodge Charger most model years. Tank has remote fill valve installed and a vapor seal box. Annex G.

PART #	DIAMETER	LENGTH	WATER CAPACITY	PROPANE CAPACITY	WEIGHT
2380417	16"	34"	26.2 Gal.	21 Gal.	98 Lbs.

Mounting in Vans

For underbody between frame rails mounting in Ford and Chevrolet cargo vans. Remote fill valve installed.

PART #	DIAMETER	LENGTH	WATER CAPACITY	PROPANE CAPACITY	WEIGHT
236147	13" & 13"	32"	33 Gal.	26 Gal.	130 Lbs.

Mounting in Pick-Up Trucks

Large capacity bed, under cap or cover mount tank for small pick-up trucks. Fits most makes and model years. Gauge at 45° on driver's side for easy viewing. Direct fill valve installed.

PART #	DIAMETER	LENGTH	WATER CAPACITY	PROPANE CAPACITY	WEIGHT
20067	16"	52"	41.4 Gal.	33 Gal.	152 Lbs.

Standard bed mount tank for full size pick-up trucks. Fits most makes and model years with full width bed. Gauge at 45° on drivers' side for easy viewing. Direct fill valve installed.

PART #	DIAMETER	LENGTH	WATER CAPACITY	PROPANE CAPACITY	WEIGHT
26087	20"	60"	74.2 Gal.	60 Gal.	231 Lbs.

Larger capacity single tank bed mount for pickups that will fit between the wheel wells on shorter bed trucks. Remote fill valve installed.

PART #	DIAMETER	LENGTH	WATER CAPACITY	PROPANE CAPACITY	WEIGHT
270281	20"	48"	58.4 Gal.	46 Gal.	200 Lbs.

Large capacity single tank for use in long bed pickups with adequate space between the cab and wheel wells. Offers extended range for those vehicles capable of accepting it. Direct fill valve installed.

PART #	DIAMETER	LENGTH	WATER CAPACITY	PROPANE CAPACITY	WEIGHT
23657.1R	24"	62"	109.3 Gal.	87 Gal.	370 Lbs.

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Mounting in Pick-Up Trucks

Under tool box mount for small pick-up trucks or narrow bed full-size pick-up trucks. Fits most makes and most years. May require tool box to be raised. Gauge on driver's side for easy viewing. Remote fill valve installed.

PART #	DIAMETER	LENGTH	WATER CAPACITY	PROPANE CAPACITY	WEIGHT
215547.1	10" & 10"	48"	30.2 Gal.	24 Gal.	131 Lbs.

Large capacity under tool box mount tank for most full size pick-up trucks with short bed. Direct fill valve installed.

PART #	DIAMETER	LENGTH	WATER CAPACITY	PROPANE CAPACITY	WEIGHT
211447	12" & 12"	48" & 60"	49.1 Gal.	39 Gal.	173 Lbs.

Dual manifold pickup bed mount. Allows mounting under shallow toolboxes and will fit between the wheel wells on shorter bed trucks. Remote fill valve installed.

PART #	DIAMETER	LENGTH	WATER CAPACITY	PROPANE CAPACITY	WEIGHT
23167.1R	12" & 12"	48"	43.4 Gal.	34 Gal.	148 Lbs.



Vapor Seal Box

- Vapor seal designs meet NFPA #58 for use in enclosed spaces
- Remote valves and gauge included

Benefits of Propane as an Alternative Fuel

- Economics – autogas is a domestically produced product in North America, offering lower fuel costs to large fleets in addition to lower engine maintenance costs
- Environment – propane has significantly lower carbon emissions than gasoline or diesel fuel, which are well below current standards for on-road vehicles
- Energy Security – the U.S. is now a net exporter of propane and the huge reserves are expected to provide a secure, domestic supply of energy for decades to come

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Reference Guide For Stock Autogas Tanks



Guide based on 2013 model year , other years may vary.

Model Guide							
VEHICLE SPECIFICATIONS		PART #	DIAMETER	LENGTH	VALVE LOCATION	MOUNT LOCATION	SINGLE/MANIFOLD
FORD	REGULAR CAB LWB	20067	16	52	U45° Valves	Bed Mount Brackets, Under Cap or Cover	Single
		270281	20	48	U45° Valves	Bed Mount Brackets	Single
		26087	20	60	U45° Valves	Bed Mount Brackets	Single
		23657.1R	24	62	U45° Valves	Bed Mount Brackets	Single
		215547.1	10 & 10	48	U45° Valves	Bed Mount Brackets, Under Tool Box	Manifold
		23167.1R	12 & 12	48	U45° Valves	Bed Mount Brackets, Under Tool Box	Manifold
		211447	12 & 12	48 & 60	U45° Valves	Bed Mount Brackets, Under Tool Box	Manifold
	REGULAR CAB SWB	20067	16	52	U45° Valves	Bed Mount Brackets, Under Cap or Cover	Single
		270281	20	48	U45° Valves	Bed Mount Brackets	Single
		215547.1	10 & 10	48	U45° Valves	Bed Mount Brackets, Under Tool Box	Manifold
		23167.1R	12 & 12	48	U45° Valves	Bed Mount Brackets, Under Tool Box	Manifold
		211447	12 & 12	48 & 60	U45° Valves	Bed Mount Brackets, Under Tool Box	Manifold
	EXTENDED CAB	20067	16	52	U45° Valves	Bed Mount Brackets, Under Cap or Cover	Single
		270281	20	48	U45° Valves	Bed Mount Brackets	Single
		215547.1	10 & 10	48	U45° Valves	Bed Mount Brackets, Under Tool Box	Manifold
		23167.1R	12 & 12	48	U45° Valves	Bed Mount Brackets, Under Tool Box	Manifold
		211447	12 & 12	48 & 60	U45° Valves	Bed Mount Brackets, Under Tool Box	Manifold
	QUAD CAB	270281	20	48	U45° Valves	Bed Mount Brackets	Single
		215547.1	10 & 10	48	U45° Valves	Bed Mount Brackets, Under Tool Box	Manifold
		23167.1R	12 & 12	48	U45° Valves	Bed Mount Brackets, Under Tool Box	Manifold
	CHEVROLET/GMC	REGULAR CAB LWB	20067	16	52	U45° Valves	Bed Mount Brackets, Under Cap or Cover
270281			20	48	U45° Valves	Bed Mount Brackets	Single
26087			20	60	U45° Valves	Bed Mount Brackets	Single
23657.1R			24	62	U45° Valves	Bed Mount Brackets	Single
215547.1			10 & 10	48	U45° Valves	Bed Mount Brackets, Under Tool Box	Manifold
23167.1R			12 & 12	48	U45° Valves	Bed Mount Brackets, Under Tool Box	Manifold
211447			12 & 12	48 & 60	U45° Valves	Bed Mount Brackets, Under Tool Box	Manifold
REGULAR CAB SWB		20067	16	52	U45° Valves	Bed Mount Brackets, Under Cap or Cover	Single
		270281	20	48	U45° Valves	Bed Mount Brackets	Single
		23167.1R	12 & 12	48	U45° Valves	Bed Mount Brackets, Under Tool Box	Manifold
		211447	12 & 12	48 & 60	U45° Valves	Bed Mount Brackets, Under Tool Box	Manifold

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Model Guide								
VEHICLE SPECIFICATIONS		PART #	DIAMETER	LENGTH	Valve Location	Mount Location	Single/Manifold	
CHEVROLET/GMC	EXTENDED CAB	20067	16	52	U45° Valves	Bed Mount Brackets, Under Cap or Cover	Single	
		270281	20	48	U45° Valves	Bed Mount Brackets	Single	
		215547.1	10 & 10	48	U45° Valves	Bed Mount Brackets, Under Tool Box	Manifold	
		23167.1R	12 & 12	48	U45° Valves	Bed Mount Brackets, Under Tool Box	Manifold	
		211447	12 & 12	48 & 60	U45° Valves	Bed Mount Brackets, Under Tool Box	Manifold	
	QUAD CAB	20067	16	52	U45° Valves	Bed Mount Brackets, Under Cap or Cover	Single	
		270281	20	48	U45° Valves	Bed Mount Brackets	Single	
		215547.1	10 & 10	48	U45° Valves	Bed Mount Brackets, Under Tool Box	Manifold	
		23167.1R	12 & 12	48	U45° Valves	Bed Mount Brackets, Under Tool Box	Manifold	
		211447	12 & 12	48 & 60	U45° Valves	Bed Mount Brackets, Under Tool Box	Manifold	
	DODGE	REGULAR CAB LWB	20067	16	52	U45° Valves	Bed Mount Brackets, Under Cap or Cover	Single
			270281	20	48	U45° Valves	Bed Mount Brackets	Single
26087			20	60	U45° Valves	Bed Mount Brackets	Single	
23657.1R			24	62	U45° Valves	Bed Mount Brackets	Single	
215547.1			10 & 10	48	U45° Valves	Bed Mount Brackets, Under Tool Box	Manifold	
23167.1R			12 & 12	48	U45° Valves	Bed Mount Brackets, Under Tool Box	Manifold	
211447			12 & 12	48 & 60	U45° Valves	Bed Mount Brackets, Under Tool Box	Manifold	
REGULAR CAB SWB		20067	16	52	U45° Valves	Bed Mount Brackets, Under Cap or Cover	Single	
		270281	20	48	U45° Valves	Bed Mount Brackets	Single	
		215547.1	10 & 10	48	U45° Valves	Bed Mount Brackets, Under Tool Box	Manifold	
		23167.1R	12 & 12	48	U45° Valves	Bed Mount Brackets, Under Tool Box	Manifold	
		211447	12 & 12	48 & 60	U45° Valves	Bed Mount Brackets, Under Tool Box	Manifold	
LONG BED QUAD CAB or EXTENDED CAB		270281	20	48	U45° Valves	Bed Mount Brackets	Single	
		215547.1	10 & 10	48	U45° Valves	Bed Mount Brackets, Under Tool Box	Manifold	
		23167.1R	12 & 12	48	U45° Valves	Bed Mount Brackets, Under Tool Box	Manifold	
SHORT BED QUAD		270281	20	48	U45° Valves	Bed Mount Brackets	Single	
		215547.1	10 & 10	48	U45° Valves	Bed Mount Brackets, Under Tool Box	Manifold	
		23167.1R	12 & 12	48	U45° Valves	Bed Mount Brackets, Under Tool Box	Manifold	
RAIL BOX BED		270281	20	48	U45° Valves	Bed Mount Brackets	Single	
		215547.1	10 & 10	48	U45° Valves	Bed Mount Brackets, Under Tool Box	Manifold	
		23167.1R	12 & 12	48	U45° Valves	Bed Mount Brackets, Under Tool Box	Manifold	

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