

Cascadia 23-Inch Diameter Fuel Tanks

PB-47-022-FTL

Creation Date: 2009-01-04

Last Revision Date: 2025-09-05

Engine or Vehicle Affected:

► Cascadia

Description of Revisions: This bulletin replaces the version dated 1/4/2009. Updated with step or chassis fairing provisions from 'No' to 'Yes.'

Table [1](#) lists 23-inch diameter fuel tanks for vehicles built without chassis side fairings.

Table [2](#) lists 23-inch diameter fuel tanks for vehicles built with chassis side fairings.

Table [3](#) lists the meaning of the third digit of the dash number.

Table [4](#) lists fuel tank caps.

Table [5](#) lists fuel tank bands by finish and application.

Table [6](#) lists fuel tank steps by module B.O.M., finish, and fuel tank size.

Table [7](#) lists basic fuel line plumbing for dual fuel tanks.

Table 1, 23-Inch Fuel Tanks for Vehicles Built Without Chassis Side Fairing

Part Number	Capacity: U.S. Gal	Tank Length: In	Vehicle Type	Fuel Tank Mounting	Filler Neck Rotation, Degrees
A03-36093-22X	70	43.00	Day Cabs	Aft	25
A03-36073-18X	80	49.00	All Cabs	Forward	25
A03-36252-18X				Aft	30
A03-36074-18X	100	61.00	Sleeper Cabs	Forward	25
A03-36078-18X			Sleeper Cabs	Aft	30
A03-33726-23X			Day Cabs	Aft	25

A03-36075-18X	120	73.00	Sleeper Cabs	Forward	25
A03-36079-18X			Sleeper Cabs	Aft	30
A03-33728-23X			Day Cabs	Aft	25
A03-36076-18X	140	84.50	Day Cabs	Forward	25
A03-36080-18X			Sleeper Cabs	Aft	30
A03-36250-61X			Day Cabs	Aft	30
A03-36077-18X	150	90.00	Day Cabs	Forward	25
A03-36237-18X			Sleeper Cabs	Aft	30
A03-36251-61X			Day Cabs	Aft	30

Table 1, 23-Inch Fuel Tanks for Vehicles Built Without Chassis Side Fairing

➤ **Note:** If electric fuel gauge provisions are required, line note on order, 'EFG.'

Table 2, 23-Inch Fuel Tanks for Vehicles Built With Chassis Side Fairing

Part Number	Capacity: U.S. Gal	Tank Length: In	Vehicle Type	Fuel Tank Mounting	Filler Neck Rotation
A03-36842-18X	80	49.00	All Cabs	All Cabs	30 Degrees
A03-36548-18X	100	61.00			
A03-36549-18X	120	73.00			
A03-36550-18X	140	84.50			
A03-36551-18X	150	90.00			

Table 2, 23-Inch Fuel Tanks for Vehicles Built With Chassis Side Fairing

➤ **Note:** If electric fuel gauge provisions are required, line note on order, 'EFG.'

Table 3, Meaning of the Third Digit of the Dash Number

Third Digit of Dash Number	Side of Vehicle	Insta-Heat Provisions	Polished
-XX0	LH	No	No

-XX1	RH	No	No
-XX2	LH	Yes	No
-XX3	RH	Yes	No
-XX4	LH	No	Yes
-XX5	RH	No	Yes
-XX6	LH	Yes	Yes
-XX7	RH	Yes	Yes

Table 3, Meaning of the Third Digit of the Dash Number

Table 4, Fuel Tank Caps

Part Number	Cap Finish	Locking Cap	Note
03-34466-000	Plain	No	-
03-34466-001	Chrome	No	
03-34466-002	Plain	Yes	
03-34466-003	Chrome	Yes	
03-34466-004	Plain	Yes	
03-34466-005	Chrome	Yes	To be used when fleets request fuel caps to be keyed alike. Key code will be C324A.

Table 4, Fuel Tank Caps

➤ **Note:** See Technical Parts Bulletin 47-020 for drop-in antisiphon device.

Table 5, Fuel Tank Bands by Finish and Application

Part Number	Band Finish	With Step or Chassis Fairing Provisions
A03-28631-000	Plain	Yes
A03-28631-001	SST Polished	Yes
A03-28631-002	Plain	Yes
A03-28631-003	SST Polished	Yes

Table 5, Fuel Tank Bands by Finish and Application

Table 6, Fuel Tank Steps by Module B.O.M., Finish, and Fuel Tank Size

Module B.O.M.	Finish	Fuel Tank Size: U.S. Gal
675-C05400	Plain	80/100
675-C05404	Polished	

675-C05401	Plain	120
675-C05405	Polished	
675-C05402	Plain	140/150
675-C05407	Polished	

Table 6, Fuel Tank Steps by Module B.O.M., Finish, and Fuel Tank Size

Table 7, Basic Fuel Line Plumbing for Dual Fuel Tanks

Diagram No.	Reference No.	Qty.	Part No.	Description
D03-36578-000	1	1	23-12572-068	Conn-08nta x 5/8-18, 45 Deg.
	2	1	210500 000063	Elbow-45, 10Nylon x 06mpt
	3	AR	48-25581-501	Tube-Nylon, Reinf. 5/8 Brown
	4	AR	48-25581-401	Tube-Nylon, Reinf. 1/2 Brown
	7	2	23-09662-075	Clamp, Hose
	9	1	23-13322-075	Strap-Tie, Dual Standoff
	17	3	23-09662-075	Capscrew, Hex, 1/4-20 x 3/4, Grd 5
	18	6	23-11670-025	Flatwasher, 1/4 Black
	19	3	23-13175-104	Hexnut, 1/4-20
	20	1	A12-19775-000	Brkt Assy, Bell Hsg, LH
	21	1	A12-19779-000	Brkt Assy, Bell Hsg, RH

D03-36583-000	3	AR	48-25581-501	Tube, Nylon Reinf, 5/8 Brown
	4	4	23-13322-008	Strap-Tie, Dual, Standoff
	6	AR	48-25581-501	Tube, Nylon Reinf, 5/8 Brown
	8	AR	48-25581-401	Tube, Nylon Reinf, 1/2 Brown
	9	6	23-09139-000	Brkt, Standoff
	10	2	23-11358-010	Clamp, Cushion
	11	2	23-09662-075	Capscrew, Hex 5/8-11 x 1.25
	12	2	23-11670-025	Flatwasher, Stl, 1/4 Blk
	13	2	23-13175-104	Hexnut, 1/4-20
	14	2	210500 000035	Elbow-90, 08Nylon x 08Mpt
	15	2	210500 000035	Elbow-90, 08Nylon x 06Mpt
	16	1	03-22701-000	Brkt, Fuel Tee
	17	1	03-22305-008	Ftg-Tee, Fuel
	18	2	03-22305-009	Ftg-Tee, Fuel
	19	2	23-09444-125	Capscrew, Hex 5/8-11 x 1.25
	20	1	A12-19775-000	Brkt Assy, Bell Hsg, LH
	21	1	A12-19779-000	Brkt Assy, Bell Hsg, RH
	27	2	23-09444-125	Capscrew, Hex 5/8 x 1.25
	28	2	23-09114-003	Washer, Hard, 0.53 x 1.06 x .177
	30	2	A03-35911-000	Brkt-Assy, Angle, Fuel Line Suppt
	32	1	23-09130-007	Brkt, Standoff
	33	1	03-28652-000	Brkt, Fuel Tee Sprt
	35	1	210500 000045	Tee-Male Run 06Nylon x 06 Mpt
	36	1	210502 000039	Elbow, 90 SAE 45 Deg, 06 x 06Mpt
	37	2	23-12572-068	Conn, 08NTA x 5/8-18, 45 Deg
	38	1	23-12572-010	Conn, 10NTA x 3/4-18, 45 Deg

D03-36385-000	25	1	210500 00035	Elbow 90, 08Nylon x 06
	26	1	210500 00038	Elbow90, 10Nylon x 08

Table 7, Basic Fuel Line Plumbing for Dual Fuel Tanks

Note:

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CONTACT INFORMATION

For questions, please create a Service Technical Request using the DTTS Application on the DTNA Portal.

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