



Flex-a-Fit®
ALUMINUM RADIATORS

#32043 Radiator Overflow Tank 20oz.

#32047 Radiator Overflow Tank 32oz.

PLEASE READ CAREFULLY AND COMPLETELY BEFORE STARTING.

Verify that all kit components are present.

- * Tank, Overflow (20 or 32oz.)
- * Hardware Kit Bag - Overflow Tank Mount
- * Tubing - Silicone, 1/4" I.D. X 24"
- * Radiator Cap (w/o pressure valve)
- * Decal - "Flex-a-lite®"
- * Instructions, Installation

1

Location and Mounting

Within the engine compartment find a suitable location for the "Flex-a-fit® Tank". Most commonly this will be next to a radiator end tank. If installing the overflow tank with, or in a vehicle that has a pre installed Flex-a-lite® radiator, use the supplied brackets to mount the overflow to Flex-a-fit® radiator tank. T-tracks on the outside of the overflow tank and radiator tank allow for various mounting configurations. The included brackets and hardware provided may also be used to raise and secure the overflow tank should the need for an "elevated" road side air purge take place.

Note: If mounting the overflow tank to the radiator is problematic, find another suitable stable mounting option **away from all moving parts.**

The top of the overflow tank should be elevated as high above the rest of the cooling system as possible. This will help to ensure air pockets don't become trapped within the cooling system.

Note: This Flex-a-fit® tank may be used in an "Expansion" configuration. The expansion tank configuration requires a "Y-Adaptor kit" based on the inside diameter of the lower radiator hose.

Please see other side of instructions or visit www.flex-a-lite.com for more information.

2

Tank Preparation

When a mounting location has been determined, prepare tank for an "Overflow" configuration as described.

Locate provided 1/8" NPT plug and screw-in / secure into the small welded on port along the tank side.

Locate the 1/4" barbed hose fitting with 1/8" NPT threads and screw-in / secure into filler neck.

Locate the 1/4" barbed hose fitting with 1/2" NPT threads and screw-in / secure into the large welded on port at bottom of the tank. Use Teflon tape to seal all threads.



Fittings to be used, shown with Teflon tape



Small fitting and plug, shown installed



Larger bottom fitting, shown installed

3

Tubing Install & Overflow Tank Fill

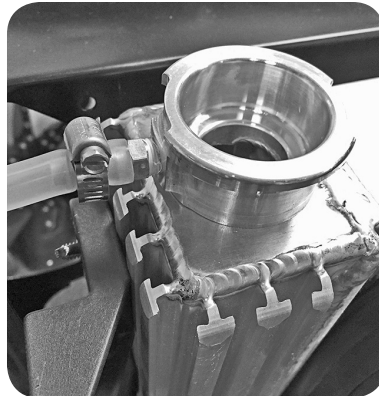
Attach tubing to nipple on radiator filler neck with provided hose clamp.

Route tubing to barbed fitting at bottom of overflow tank, trim to length and secure with hose clamp.

The remaining tubing may be attached to barbed fitting on overflow tank filler neck with hose clamp and routed to optional catch can if so equipped.

Verify coolant level in radiator is full and then fill overflow tank ~ 1/3 with coolant.

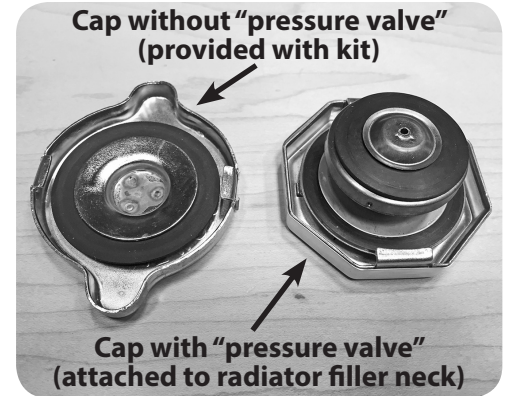
Place provided cap (without pressure valve) on overflow tank and road test.



Tubing attached to Radiator



Tubing attached to bottom of Overflow tank



Cap without "pressure valve" (provided with kit)

Cap with "pressure valve" (attached to radiator filler neck)

Radiator Cap "differences"

4

Check Tank Coolant Level... Again

Visually check tank coolant level after a couple heating and cooling cycles. Coolant level when cold

should be above bottom of tank. If tank is empty fill until ~ 1/3 of tank is full. The overflow tank should not be filled to the point of overflowing when the cooling system is at normal operating temperature.

5

What's Next?

Register your product for warranty at <http://automotive.flex-a-lite.com/warranty-registration/>

Enjoy your Flex-a-lite® performance cooling product!

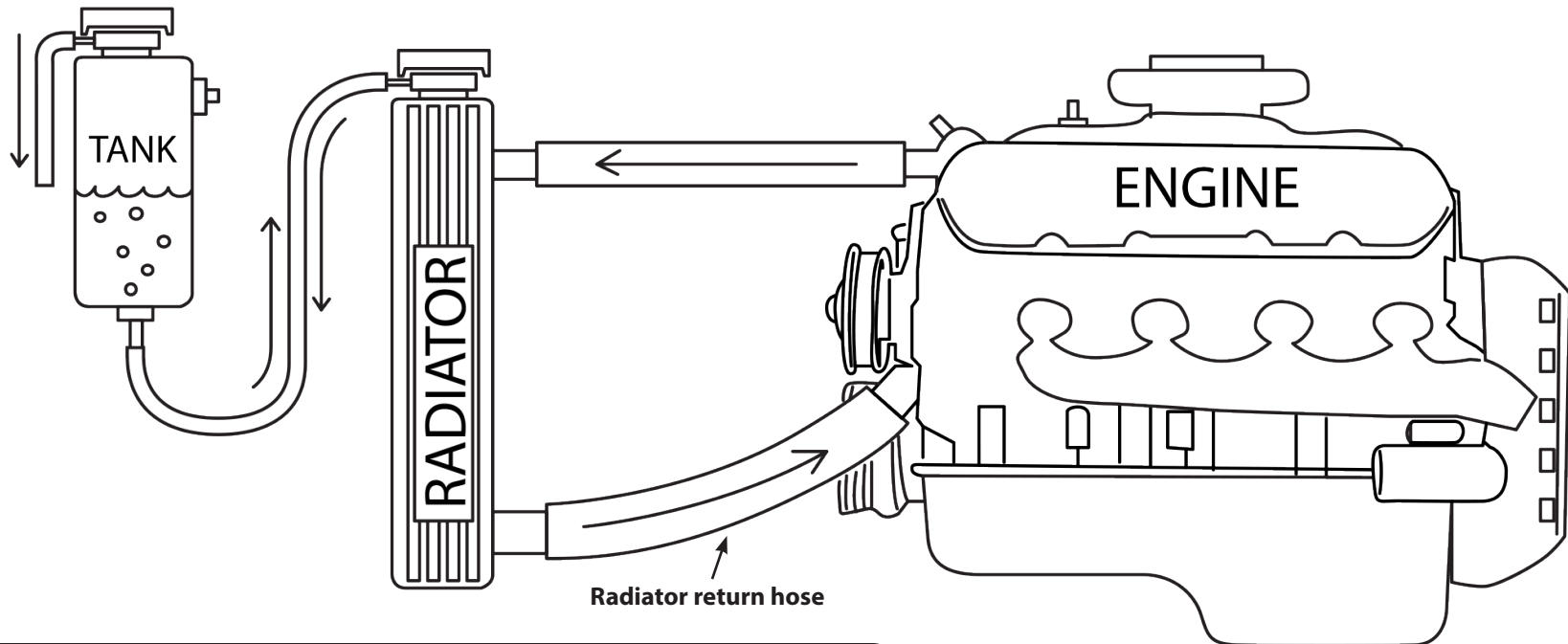
If you need further assistance, please contact tech services at 253-922-2700 M-F 8:00am-5:00pm PST.

The Flex-a-lite Limited Warranty

Flex-a-lite Consolidated, 7009-45th St. Ct. E. Fife, WA 98424, Telephone No. 253-922-2700, warrants to the original purchasing user, that all Flex-a-lite products to be free of defects in material and workmanship for a period of 365 days (1 year) from date of purchase. Flex-a-lite products failing within 365 days (1 year) from date of purchase may be returned to the factory through the point of purchase, transportation charges

prepaid. If, on inspection, cause of failure is determined to be defective material or workmanship and not by misuse, accidental or improper installation, Flex-a-lite will replace the fan free of charge, transportation prepaid. Flex-a-lite will not be liable for incidental, progressive or consequential damages. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights and you may have other rights, which vary from state to state. The Flex-a-lite warranty is in compliance with the Magnuson-Moss Warranty Act of 1975.

Flex-a-fit® Overflow Tank - plumbed into standard automotive cooling system



Note: The Flex-a-fit® Tank may be configured as an "Expansion Tank". Determine the inside diameter of your radiator return hose. Compare Hose I.D. to available Y-adapter kits.

Part #	Description
33171	1-1/4" Y-adapter kit
33172	1-3/8" Y-adapter kit
33173	1-1/2" Y-adapter kit
33174	1-3/4" Y-adapter kit
33175	2" Y-adapter kit