

Tech Tip

Jetting and Mixtures

Whenever you fit a replacement carb that's a different model than your Land Rover came with, you almost always have to adjust the jetting. Just because a carburetor comes out of a box as 'for Land Rover' doesn't mean it is jetted correctly for your motor! Weber carburetors used on Land Rovers are generic use aftermarket versions that almost always require rejetting to work properly on a Land Rover engine.

The burned exhaust valve and melted piston here are from two different motors where a Weber 1V was fitted as a replacement carb without rejetting. One reason people claim better mileage figures for the Weber is because it is often too lean for the motor! If you are getting 16-20 mpg it's a sure sign the carb is way too lean. If driven hard for extended periods of time this is what will result.



BP carries a range of jets for all carbs we sell: Zenith, Rochester, and Weber. Generally, above 5,000 ft. in



continuous use, the jetting has to go leaner (assuming it was right when you started). Cold dry air can use a richer mixture than warm and humid at the same altitude. Cold dry at seal level requires richer than cold and dry at 11,000 feet. Hot humid days at altitude re-

ally require leaning out! Our Rochesters come jetted for sea level, as do the new Zeniths. Webers usually need to be jetted a few sizes richer than they come out of the box, but it all depends on your motor's condition and where you use the truck. Many owners have a few jet sizes to play with: a high altitude jet for the mountains, a richer one for the deserts, and their 'usual'.

Call or e-mail us for jet sizing recommendations, but make sure you know the size of the jet that's in there now.

Fuel system

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Air Cleaner, Factory

Intake hose, between filter and elbow (cloth covered as per original spec.)	517903
Elbow, with PCV inlet	554414
Intake sleeve, connects elbow to top of carburetor	
Sleeve for Solex	276426
Sleeve for Zenith, BV Rochester	554418
O-ring, air cleaner (seals filter base to filter body top)	261414

Air Cleaner, K&N



K&N Stock filter replacement RU-2650 (for use with original air intake horn as shown above) horn and carb not included.



K&N Filter Care Kit

99-5000

HELP LINE: 661-257-8634
24 HOUR FAX: 661-257-9765



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