



AMR MANUFACTURING
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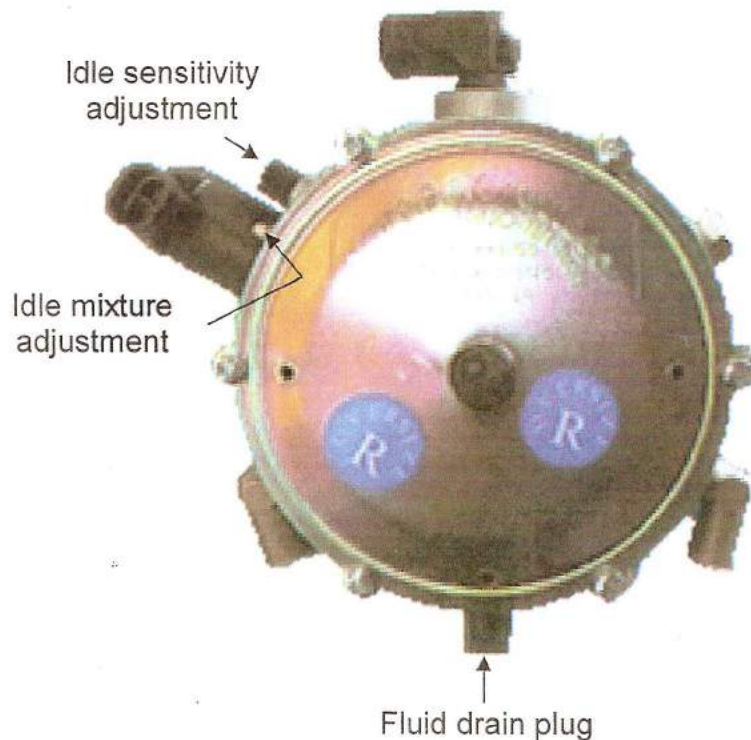
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Romano Converters (for 4, 6 & 8 Cylinders)

Upright mounting for fluid draining

Converter must be mounted upright with black plastic drain plug downward.

It is recommended that the fluid drain plug be emptied with every service to avoid fluid and oil build-up/



Mixer adjustment

Note that the filter in the gas lock-off needs to be replaced every 15,000km. If unsure, replace any way to ensure long service life of the converter.

Small brass screw - **idle mixture** - is in 'OFF' position

Large black screw is for **idle sensitivity adjustment**.

Steps:

Idle adjustment must be made with warm converter and the vehicle is in gear. Turn large black screw until idle is affected.

Turn out small brass screw (Idle mixture adjustment) until smooth idling is achieved with 2% CO reading.

Set power valve by holding throttle open at 2,500rpm and a reading of 0.7% CO is achieved, UNDER NO LOAD.

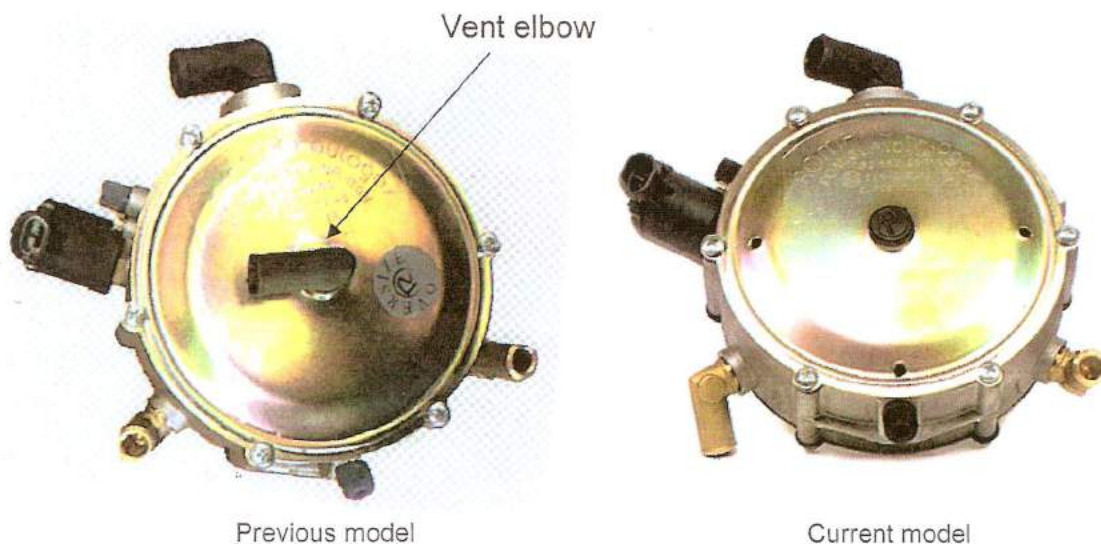
Drive vehicle and recheck idle mixture. Re-adjust if necessary.

If unacceptable level of flat spotting occurs, slowly turn out sensitivity screw ¼ turn until flat-spotting ceases.

(Please note CO% readings are before catalytic converter)

Balance line

Previous converter models may have a plastic elbow (16mm diameter) on the front face plate to vent to atmosphere. Current models have this atmospheric vent port plugged off and replaced with 3 drilled holes in the front face plate.



If your converter has a vent elbow, point it downward or away from high-flowing air. This elbow can also be used for a balance-line. Most Ford and Holden 6-cylinder vehicles require a balance line. Therefore, ensure that the air flow is going into the breather elbow as needed.

If stalling occurs when slowing or stopping, this is a strong indication that a balance line may be required.

Connect converter vent elbow with 16mm heater hose to plastic elbow (F-54EN, comes with 2 nuts & 1 washer) in the front of the air-intake tube or in a position that allow air flow into the elbow (eg. elbow in air-cleaner box must be facing in the direction of airflow).

IMPORTANT: Check that copper flare joints are free from burrs to ensure that no foreign matter gets into the converter. Otherwise, these will get stuck on rubber seats, negatively affecting adjustments and performance.