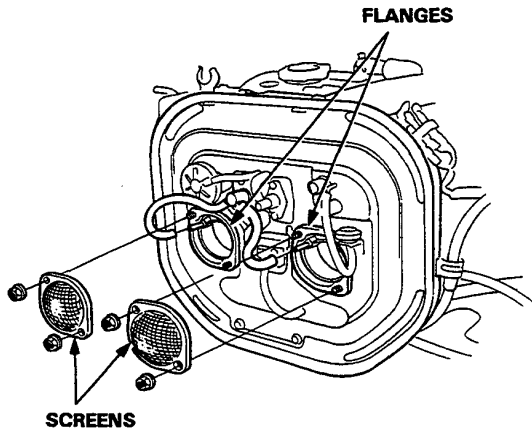


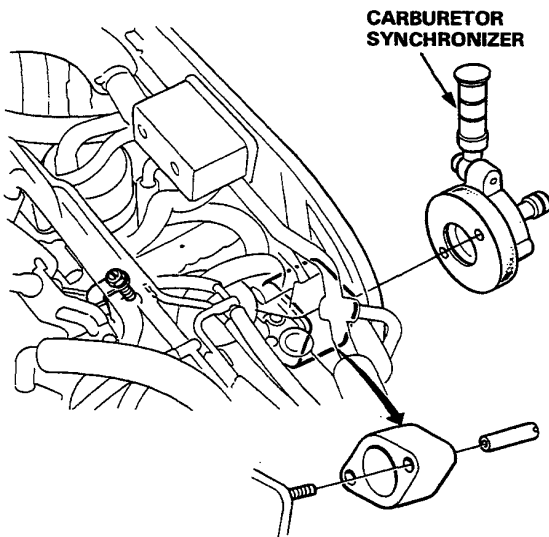
Carburetor

Synchronization

1. Remove the air cleaner cover and element.
2. Remove the air intake screens and air intake flanges.



3. Install synchronization spacers and torque the nuts to 5 N·m (0.5 kg·m, 3.6 lb·ft).



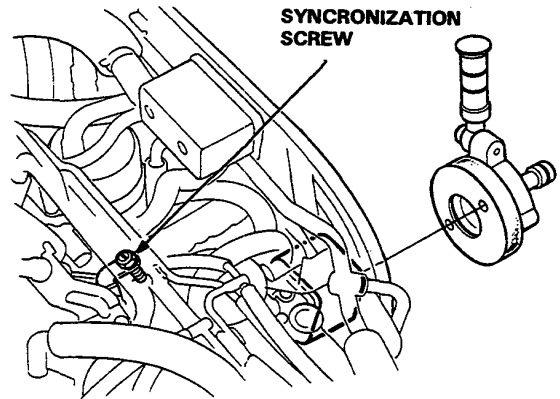
4. Connect a tachometer, start the engine and allow it to reach its normal operating temperature; the cooling fan will come on.

5. Measure the air flow through both adapters using the carburetor synchronizer.

— If the flow rates are identical, remove the synchronizer, adapters and reinstall the remaining parts in the reverse order of disassembly.

— If the air flow rates are different, loosen the adjusting screw lock nut and adjust as necessary. The adjusting screw only affects the right carburetor; turning the screw clockwise decreases air flow and counterclockwise increases air flow.

If the flow rates can't be balanced, check for air leaks or carbon build-up on a throttle valve.



6. Tighten the adjusting screw lock nut and recheck the flow rates. Adjust as necessary.
7. Remove the carburetor synchronizer, adapters, and reinstall the remaining parts in the reverse order of disassembly.