

# Carburetor

## Idle Speed/Mixture (cont'd)

5. KX, KZ model: If equipped with 4WS, connect the 2P connector on the P/S oil pressure switch. And check the idle speed while the steering wheel is turning.

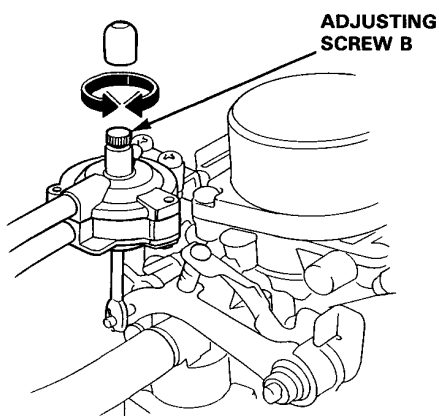
Idle speed should be:

Manual	$800 \pm 50 \text{ min}^{-1} \text{ (rpm)}$
Automatic	$750 \pm 50 \text{ min}^{-1} \text{ (rpm)}$ (except "N" or "P")

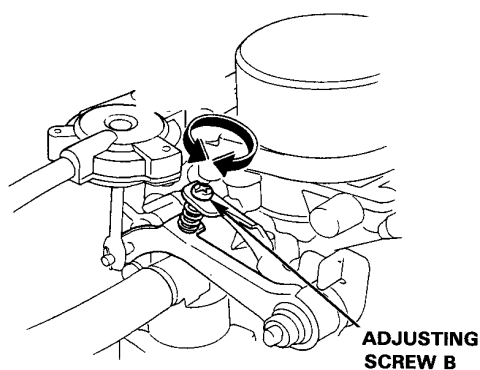
16. If equipped with air conditioner, check the idle speed with the A/C on.

Idle speed should be:  $750 \pm 50 \text{ min}^{-1} \text{ (rpm)}$

4WS:



Except 4WS:



Adjust the idle speed, if necessary, by turning the adjusting screw B.

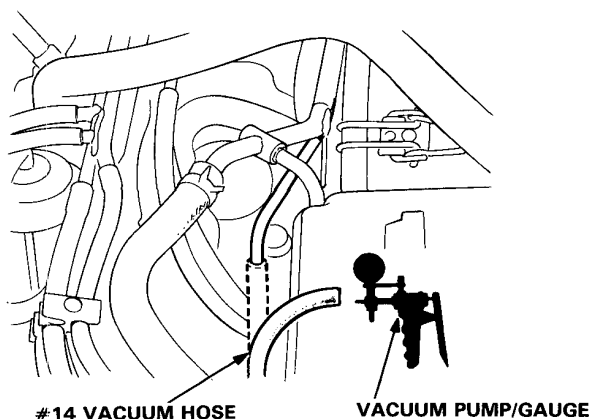
## Power Valve [Except KY, KT]

### Testing (COLD ENGINE)

NOTE: Intake air temperature must be below  $20.5^{\circ}\text{C}$  ( $68.5^{\circ}\text{F}$ )

1. Disconnect the #14 vacuum hose from the vacuum hose manifold and connect a vacuum pump. Apply vacuum.

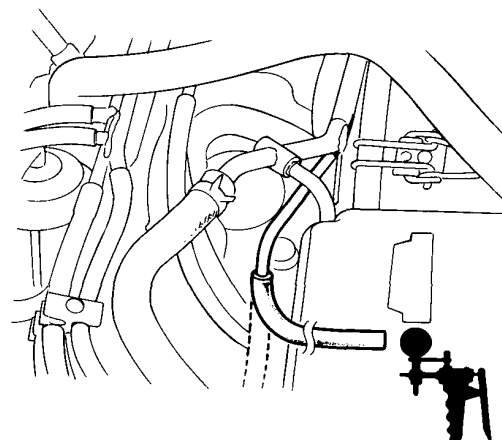
It should hold vacuum.



- If it does not hold vacuum, replace the diaphragm and retest.

2. Start the engine and disconnect the #14 vacuum hose from the vacuum hose manifold, and connect a vacuum pump.

There should be no vacuum.



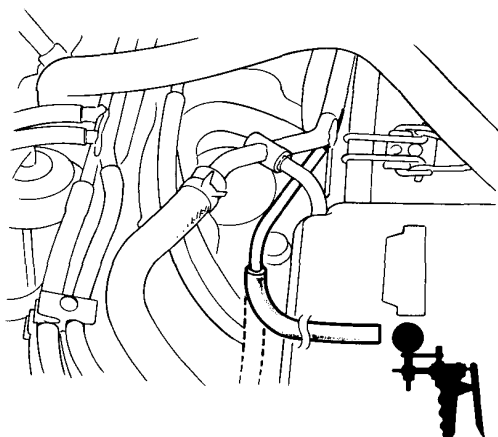
- If there is vacuum, check the vacuum hose for proper connection, cracks, blockage or disconnected hose, and replace the air bleed valve B.



## Testing (HOT ENGINE)

1. Start the engine and warm up to normal operating temperature (cooling fan comes on).
2. Disconnect the #14 vacuum hose from the vacuum hose manifold and connect a vacuum pump.

There should be vacuum.



- If there is no vacuum, check the vacuum hose for proper connection, cracks, blockage or disconnected hose, and replace the air bleed valve B.

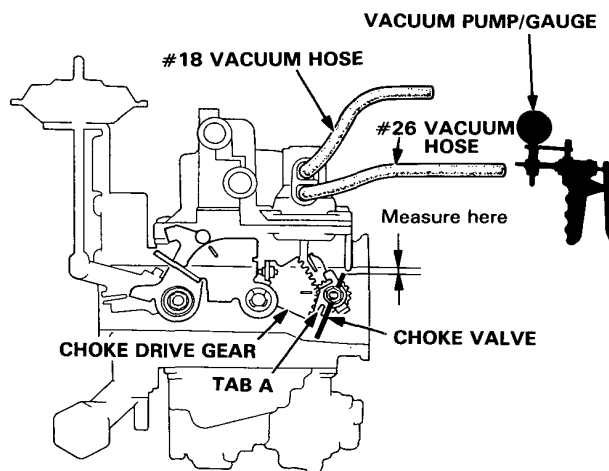
## Choke Linkage

### Adjustment

1. Remove the carburetor.
2. Disconnect the #18 vacuum hose from the choke opener and leave open to atmosphere. Disconnect the #26 vacuum hose and connect a vacuum pump. Apply at least 200 mm Hg (8 in. Hg).

NOTE: If vacuum drops below 200 mm Hg (8 in. Hg), slowly reapply vacuum until you can maintain the highest level without losing vacuum.

3. Turn the choke drive gear clockwise and measure the clearance between the choke valve and the casting.



### 1st Stage Clearance;

$1.89 \pm 0.09$  mm ( $0.074 \pm 0.004$  in.)

Adjust clearance by bending Tab A.

(cont'd)