

FLEET SERVICES

OPERATIONAL PROCEDURES

VEHICLE SYMPATHY - GEARS

Using an Isuzu automated manual transmission (AMT):

A number of vehicles on the City's fleet have Isuzu automated manual gearboxes (AMT).

These gearboxes use similar components to manual gearboxes but the clutch is operated automatically using electronics, relays and servos.

There are some driving conditions that require a driver to select a gear for the condition manually:

D (auto) is best used in traffic and general urban conditions:

- Auto shifts prevent inadvertent over revving.
- Auto lets you concentrate on other drivers actions.

AMT cannot see the road ahead, so use manual mode:

- To select the appropriate gear if the road rises sharply, such as going up a hill.
- To hold your vehicle on steep downhill roads.
- To prevent downshifting just as you crest a rise.
- To prevent poorly timed up or downshifts in auto.
- To reduce hunting through gears in slow traffic.
- To hold a gear when manoeuvring in traffic.

Tips:

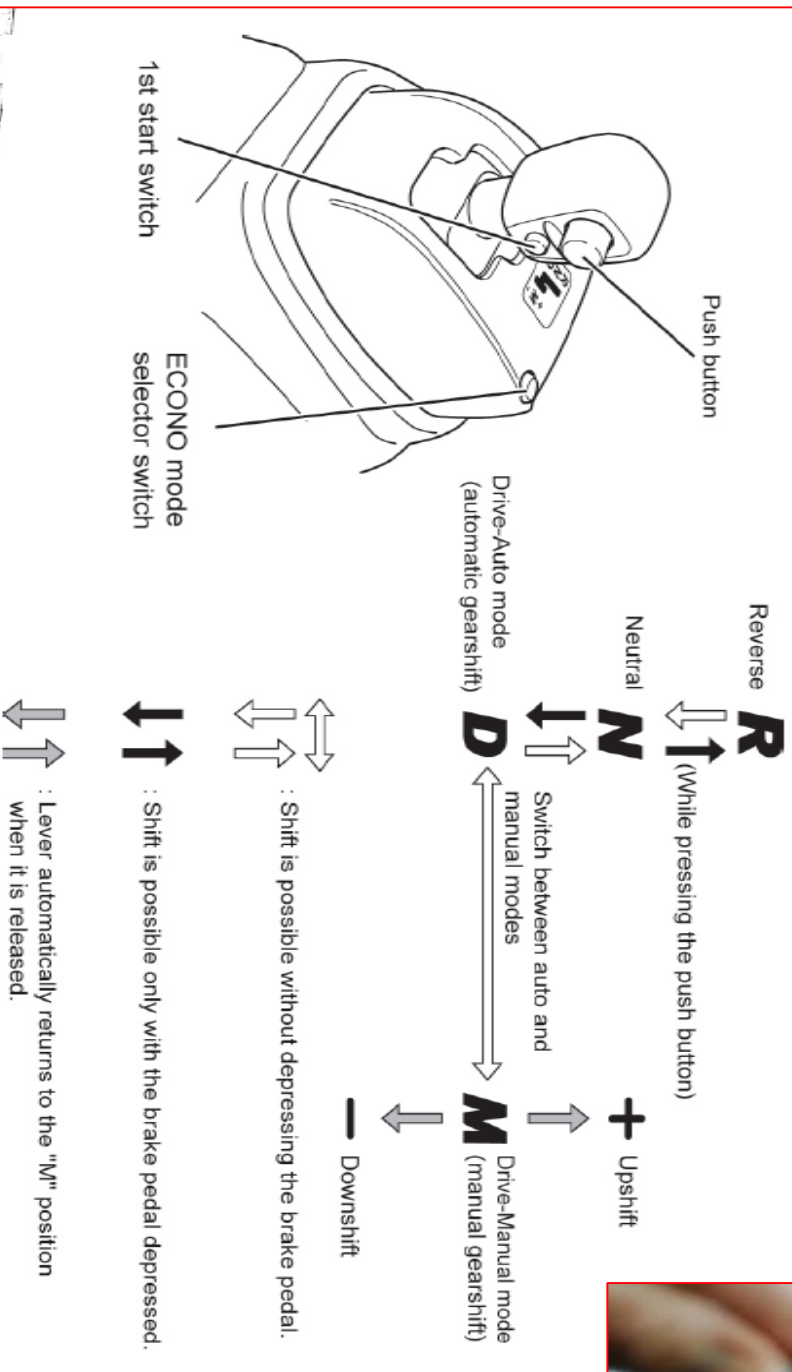
- Hold accelerator pedal steady during shifts
- Rolling back on hills should be avoided.

Warning: Your vehicle may roll back in the time it takes to move your foot from the brake to the accelerator pedal!

- Use the park brake on a slope.

Contact Len Woodman on 0409 835 253 if you have any questions.

Gear Shift Lever



Isuzu Automated Manual Transmission (AMT): The Intelligent Truck

