

## Remote Control Tests

**⚠ Test ALL functions of the remote control after you service it. An undetected problem in the remote control could cause sudden and unexpected loss of throttle or shift control.** Depending on the control's features, simple function tests include:

**Trim/tilt switch** – Operate the power trim by pushing the switch on the control handle. Verify that the direction of gearcase movement corresponds to the UP and DOWN directives at the switch.

**Emergency stop switch** – Install the clip on the emergency stop switch and start the engine. Pull the clip from the switch. The engine must stop running.

**Key switch** – Insert the key and turn it clockwise. It must activate the engine's electric starter. Verify that the switch returns to the ON position when pressure is released.

**Neutral start** – Place the control handle in NEUTRAL and start the engine, then turn it off. Place the control handle in FORWARD, then REVERSE, and try to start the engine in each gear position. The engine's starter must not respond.

## Continuity Symbols

Throughout this section, the following two symbols are used to interpret electrical troubleshooting results:

- 1** Bright bulb indicates **continuity** or very low resistance.
- 2** Dark bulb indicates **no continuity** or very high resistance.

## Control Cable Identification

After installing the throttle and shift cables in the remote control, but before connecting them to the engine:

**3** 1. Put the control handle into NEUTRAL position. The throttle cable casing guide **A** will retract completely and the shift cable casing guide **B** will go to the midpoint of its travel.

**3** 2. As you move the control handle into FORWARD, the shift cable casing guide **B** must retract and the throttle cable casing guide **A** must begin to extend.

3. As you move the control handle into REVERSE, both casing guides must extend.

4. Label one of the cables at the engine end for correct installation on the engine.

**⚠ Control cable identification and function must be correct before completing remote control installation.**

