FIGURE 53.1 Typical vehicle brake system showing all typical components.

FIGURE 53.2 Typical drum brake assembly.
FIGURE 53.3 Typical disc brake assembly.

FIGURE 53.4 Typical brake system components.

FIGURE 53.5 The red brake warning light will remain on after a bulb test if there is a fault with the hydraulic part of the brake system.
Chapter 53

Braking System Components

**FIGURE 53.6** A typical adjustable pedal assembly. Both the accelerator and the brake pedal can be moved forward and reversed by using the adjustable pedal position switch.

**FIGURE 53.7** Typical components of an antilock braking system (ABS) used on rear-wheel-drive vehicles.

**FIGURE 53.8** The electronic stability control (ESC) system applies individual wheel brakes to keep the vehicle under control of the driver.
FIGURE 53.9 The hand-wheel position sensor is usually located at the base of the steering column.

FIGURE 53.10 A traction control or low traction light on the dash is confusing to many drivers. When the lamp is on or flashing, it indicates that a low traction condition has been determined and the traction control system is working to restore traction. A flashing traction dash light does not indicate a fault.

FIGURE 53.11 A master cylinder from a Toyota Highlander plug-in electric vehicle.