

## SERVICE FOCUS

# Steering System



## Tie-rod ends

- The link between the steering rack and the suspension/wheels.
- Ball/socket fittings provide flexibility with suspension movement.

## Steering column

- Transmits driver input from the steering wheel to the steering rack.

## **Constant velocity (CV) Boot**

- Protects the constant velocity joint from exposure to the elements and maintains its lubrication.

## **Power steering pump and lines**

Engine oil gradually becomes contaminated. The oil filter removes undesired particles from the oil.

## **Steering rack**

- Transmits steering force from the steering column to the wheels.  
May be either hydraulic or electric, depending on your vehicle.
- Hydraulic systems use a pump run by the engine to reduce required steering effort.
- Electric systems use electrical power, an electric motor, and a computer to control the power assist.