Pushback vehicles, sometimes referred to as pushback tugs/tractors, are an essential part of the airline business and provide the function of repositioning aircraft. There are many different types and sizes of pushbacks. This guide will help to identify and define fundamental functions of pushback vehicles.

Pushback Types

- Pushback requiring towbar

Figure 1: Mainline Open Cab

Figure 2: Standup Cab

Figure 3: Mainline Closed Cab

Figure 4: Regional Pushback
- Pushback not requiring towbar (towbarless)
Pushback Parts

- Steering Wheel
- Forward/Reverse Gear Shift
- Hi-Lo Gear Shift
- Light Switches
- Towbar Hitch
- Turn Signal
- Gauge Cluster
- Brakes
- Accelerator
- Seat
- Emergency Brake
Pushback Parts

- Nose Gear Cradle
- Winch Strap
- Back Pad
- Steering Wheel
- Forward/Reverse Speed Control
- Safety Bar
- Brake
- Dead Man Peddle
- Forward/Reverse Controls
- Gear Shift
- Brake
- Steering Wheel
- Accelerator
Through the OSHA and Airline Ground Safety Panel Alliance, the Airline Ground Safety Panel developed this reference guide for informational purposes only. It does not necessarily reflect the official views of OSHA or the U.S. Department of Labor. 06/2014