

Document Title: Steering cylinder, installing	Function Group: 645	Information Type: Service Information	Date: 6/8/2025
Profile: SD200DX Volvo			

Steering cylinder, installing

Showing All Profiles

Valid for serial numbers			
Model	Production site	Serial number start	Serial number stop
SD100D Volvo			
SD105 Volvo			
SD116DX Volvo			
SD116F Volvo			
SD130 Volvo			
SD200 Volvo			
SD200DX Volvo			

Op nbr 645-005

Total procedure time (hr): 1.75

1. Place the cylinder into the machine in the proper orientation through the opening in the frame plate.



Figure 1
Cylinder installation

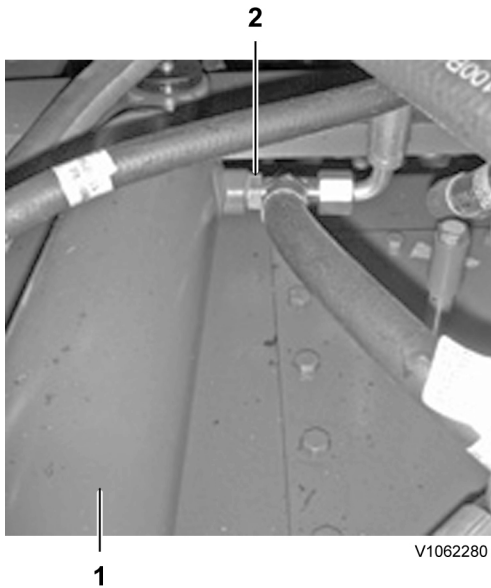
1. Cylinder barrel
2. Frame plate opening for cylinder

NOTE!

Ensure the ports in the cylinder barrel are turned in the proper orientation for connecting the hydraulic hoses.

Weight of steering cylinder: 16 kg (35 lb)

2. Install the tee fitting into the base end port of the cylinder barrel
Attach the hoses to the tee fitting in the proper orientation and hand tighten the connections.

**Figure 2**

Cylinder barrel, hydraulic hose connections

1. Cylinder barrel
 2. Hydraulic connection to cylinder barrel (base end port)
3. Install the cylinder mounting pin at the base end and secure with the spring pin.

