

D-66 How to Install (long version)

Upper Tree Parts

Part # Quantity Description

42-101 Tree, Upper
20-012 Bolt, Tree Flank (20-011 under head)

Note: There is more than one version of the Upper Tree shown above.



Shock Assembly Parts

Part # Quantity Description

00-001 Assembly
Shock Absorber 10-001 Rod, Shock
Thrust Load 10-001 Lubricating Ring, Shock Body
20-011 Cap, Shock Body
10-011 Ring, Shock Body Cap
00 each Shock with one set of 5 weight Shock Oil



Rocker Arm Parts

Part # Quantity Description

12-011 Rocker Arm, Clevis
12-011 Rocker Arm, Upper (20-011 under head)
12-011 Adapter Bushing, Rocker Arm Bushing
12-011 Bushing, Rocker Arm Flank
12-011 Retaining Ring, Rocker Arm Flank
12-011 Set Screw, Axle (12-011 set bolt top)



Outer Tube Spikes & Pedestal Spikes Parts

Part # Quantity Description

20-011 Spike, Outer Tube
10-011 Ring, Outer Tube Spike
50-011 Spike, Pedestal
20-011 Ring, Pedestal Spike



Lower Tree Parts

Part # Quantity Description

20-011 Tree, Lower
22-011 Bush, Steering
20-012 Bolt, Tree Flank (20-011 under head)
20-011 Pin, Steering Stop (21-011 diameter x .500 long)
22-011 Set Screw, Steering Stop (22-011 x 1/8 Bolt Top)
Note: There is more than one version of the Lower Tree shown above.



Spring Tree Parts

Part # Quantity Description

20-011 Tree, Spring
12-012 Bolt, Flank (20-011 x 1.25" under head)



Pedestal Arch Parts

Part # Quantity Description

10-011 Arch, Pedestal
12-012 Bolt, Flank (1/8" x 1.25" under head)



Spring Parts

Part # Quantity Description

12-011 Spring, Top Bar (1.25" Long)
20-011 Spring, Main (2.00" Long)
12-011 Cap, Spring End



Pedestal Clevis

Part # Quantity Description

12-012 Clevis, Pedestal (20-011 Outer Diameter)
10-011 Clevis, Pedestal Adapter
20-012 Bolt, Pedestal Adapter Clevis (22-011 x 1.25" O.D.)
20-011 Retaining Ring, Pedestal Bolt
Note: Pedestal Adapter Clevis requires one LockWasher (12-011) for assembly to Pedestal Tube.



Outer Tube Parts

Part # Quantity Description

12-012 Tube, Outer (1.25" Outer Diameter)
12-011 Clamp, Outer Tube Brake
12-011 Bolt, Brake Clamp (20-011 x 1.25" under head)



Outer Tube Assembly

Cut Outer Tubes to desired length (Cut across standard end)

Drill hole in Outer Tube to accept Phosphate Brake Line

Secure that Adapter Clevis tightly into Outer Tube



Upper & Lower Tree Installation

Push Steering Stop into Lower Tree Locate position for steering stop and press in 2 Steering Stop Pin

Slide Steering Stop through the hole in each

Install Upper Tree

Secure in Steering Stop Bolt

Tighten Steering Stop Pin-Bolt



Outer Tube Installation

Slide Brake Clamp over Outer Tube and position above shaft Adapter Clevis. Slide Outer Tube through Lower Tree Position Spring Tree between Upper and Lower Tree (at desired trail condition) Slide the Outer Tube through the Spring Tree and Upper Tree until Tube bottom out on Upper Tree long front right Pin Push Release all 3 Trees Search Surface Area to that Adapters Clevis and determine Gap of Pedestal Tube before Close the Tube during assembly to keep from scratching. Make note in scratch hole position to open up the Tree



Shock to Pedestal Arch Assembly

Position Spring Cap over Pedestal Arch

Slide Shock Bolt through Spring Cap & secure to Pedestal Arch

(The Red Lock Washer)

Use a 4/16" Socket at the top of the shock to torque into place (25 ft-lb)



Pedestal Tube to Pedestal Arch Assembly

Slide Pedestal Tube into Pedestal Arch and fit between and Position the Tube so Pedestal Adapter Clevis Bolt Head is facing the Wheel Tighten Pinch Bolt



Slide Spring Assembly

Slide Main Spring (2.75" long) over Shock Body Place Thrust Washer on the top of the Main Spring



Top the Spring and Body Cap Assembly

Slide Top Out Spring (1.25" long) over Shock & Body Place Shock Body in an upright position and secure on Shock Body Cap until tight. Use a 1/16" Socket to keep Shock Body from rotating. Note: Lowering the weight of the file will help here.



Pedestal Spike Assembly

Mount Pedestal Spike Ends into the top end of Pedestal Tube



Outer Tube Spike Assembly Mount Outer Tube Spike Family Into Gap of Outer Tube



Phosphate Line Routing, Shaft Adapter Clevis

Feed Brake Line upward through Shaft Adapter Clevis and end of the shock (20-011) hole in Outer Tube

Slide Brake Line in closed (down) located on underside of Upper Tree



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Feed Brake Line upward through Shaft Adapter Clevis and end of the shock (20-011) hole in Outer Tube

Slide Brake Line in closed (down) located on underside of Upper Tree



Rocker to Shaft Assembly

Place Shaft Adapter Clevis (spacers) on each side of Rocker Arm and slide Arm into Shaft Adapter Clevis (20-011) hole to drive down (Slide) into Shaft Adapter Clevis and Rocker Arm. Right is to open open (small) Retaining Ring (small) Adapter Clevis (small) located at the head of the Rocker Arm. Rocker Arm (left) into (closed) through hole (open on Brake side)



Red End Steering, Shaft Adapter to Brake

Use Brake Side to Shaft Adapter Clevis to Attach Red End Mount to Brake This Step Manual is a work in progress. It is intended to assist you during front End Assembly if you experience any difficulty during assembly on here any other operation, please give us a call. Make sure you check all hardware and fasteners prior to and after your final road test.

