

Assembly Guide

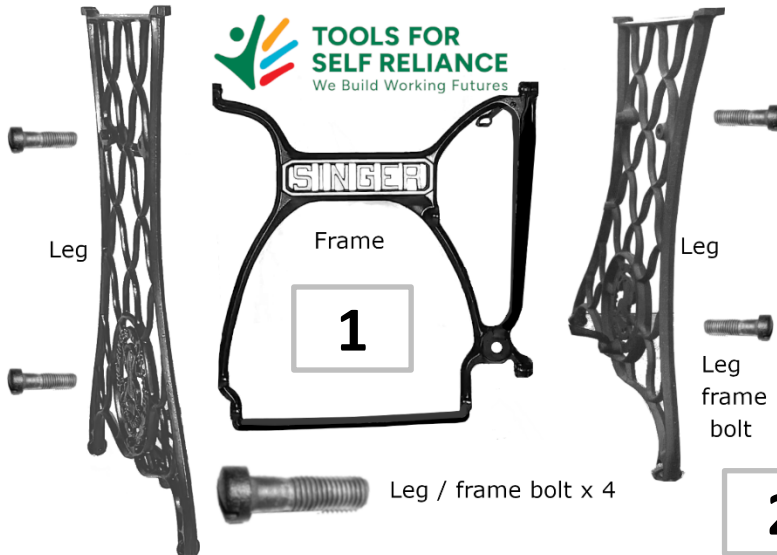
Singer Treadles with Cast Iron Legs

(Also steel legs. Wooden legs **see also page 3**)

Check **outside** of legs face **outwards**. Screw both legs to central frame with 4 leg/frame bolts. Singer logo in frame reads correctly, from left to right.

On **cast iron** legs decorative Singer logos are on outside face. On **metal legs** a singer logo and recessed holes are on outside face. **Wooden legs** have recessed holes on outside face.

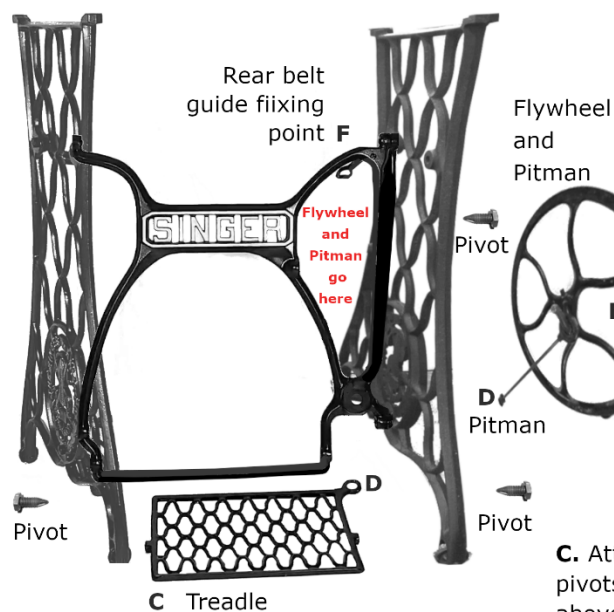
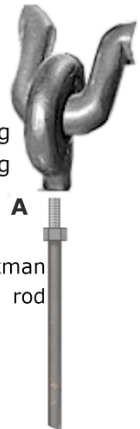
Choose the **rear upper bolt** hole so that frame leans slightly backwards.



2

A. Screw the pitman rod to flywheel bearing housing. Gently tighten small locking nut.

Bearing housing



B. Place flywheel and pitman into large frame space on right of frame. The pitman rod goes through first. Place flywheel fixed bearing in socket on left. Secure with 1 adjustable pivot on right of space.

Adjustable pivot x 3

TIP: Adjusting Pivots

Adjust and hold pivots with screwdriver and lock with adjustable spanner. Adjust pivots so flywheel spins very smoothly or treadle rocks very smoothly. Too tight - pivots bind. Too slack - pivots rattle.

C. Attach treadle (foot plate) to frame with 2 adjustable pivots and lock nuts. The attachment points are just above the lower bar of frame and at each end.

D. Reassemble the "ball and socket" joint between the **pitman** and the **treadle attachment point**.

D1. Use screwdriver. Screw in the lower cup to the upper cup.

Correct adjustment:

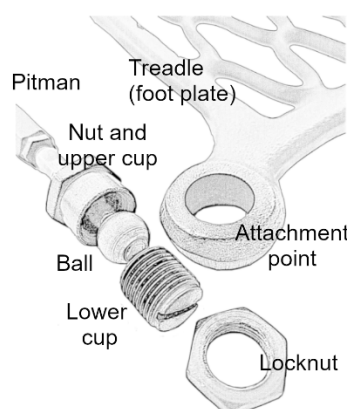
No play between the ball and the "socket" (upper and lower cups). Also ball (and pitman) move smoothly and without binding.

D2. Push the upper nut / upper cup, ball and lower cup assembly through the treadle attachment point.

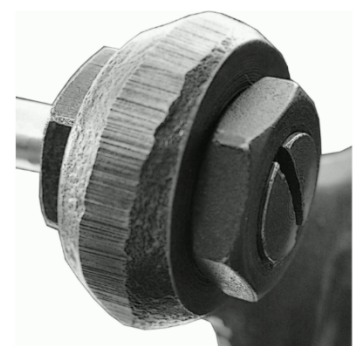
Easier with two people

Person 1, hold the upper cup nut with the 19mm spanner.

Person 2, hold the lower cup with the screwdriver and lock the locknut with the adjustable spanner.



"Ball and socket" joint apart



"Ball and socket" joint assembled

E. Attach combined skirt guard and front belt guide to frame with single bolt. As you tighten the bolt, align loop of front belt guide with flywheel belt groove. Adjust close to rim of flywheel, but without it touching as flywheel spins.

F. Screw rear belt guide at its fixing point at top/right of frame with screw provided. It faces backwards and slightly downwards.

