

## GMC front wheel drive motor home rear spindle puller

by Gary Zingle

The center of the spindle fits into an opening in the bogie arm. The parts are tapered. 4 - 3/8" bolts retain the spindle to the bogie arm. With time the spindle can become rusted to the bogie arm making removal difficult.

Many people have tapped the bolt holes to allow a 2 jaw puller to be installed to the back side of the bogie arm. I have found this tapping to be easier once the bogie arms have been removed.

Where the bogie arm is intended to remain on the coach I have been able to remove the spindles with the aid of this puller. While this puller is similar to the one shown in the GMC maintenance manual it is very simple and made from scraps of mild steel.



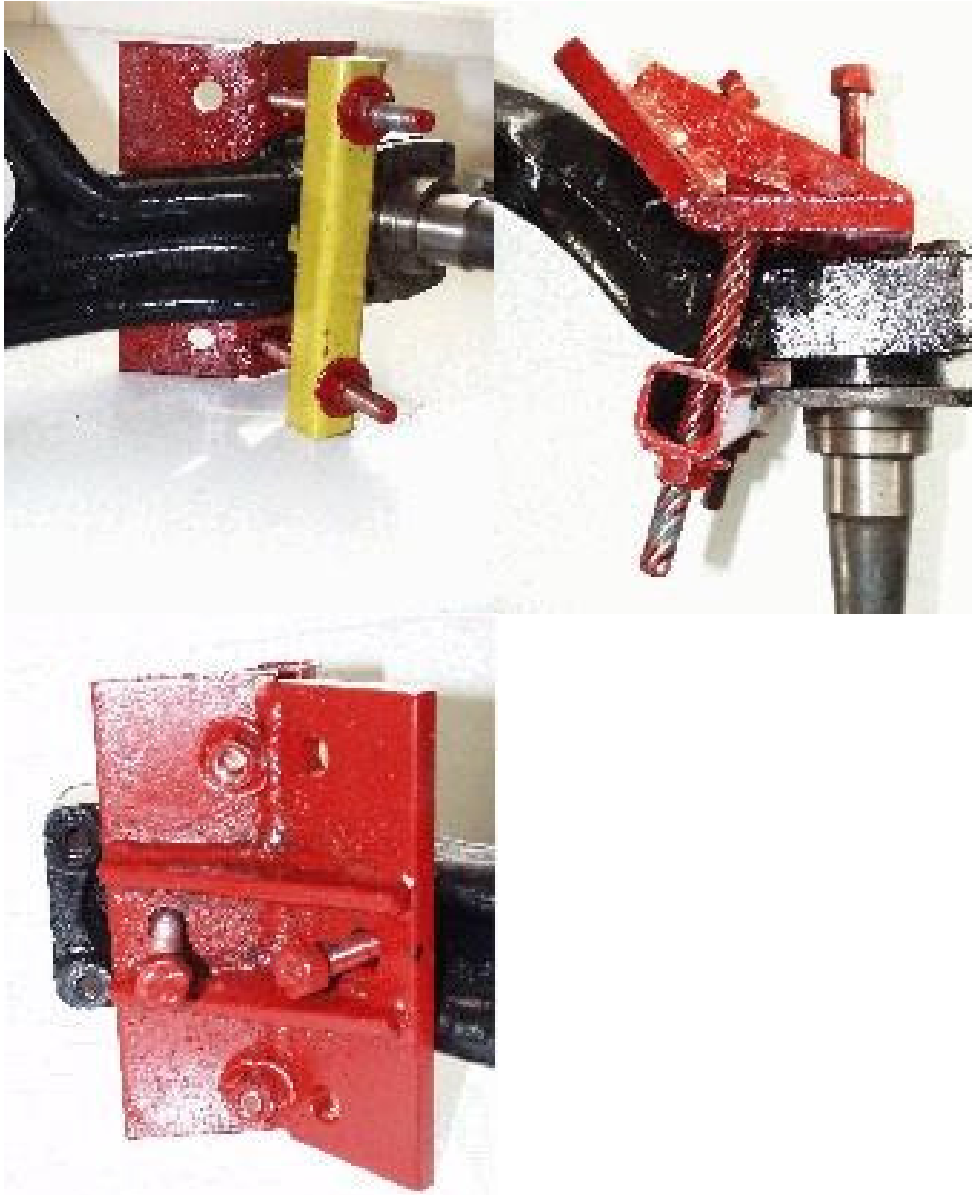
Parts consist of:

2 - 3" wide X 8 1/2" long X 3/8" thick steel bars welded together at the same angle as the bogie arms, with 5/8" fine thread nuts welded in place for the all thread bolts

1 - 1 1/4" X 1 1/4" square tube X 8 1/2" long

2 - 5/8" fine thread Grade 8 threaded rods complete with 4 nuts and flat washers

2 - 5/8" fine thread Grade 8 threaded rods X 4" long made into an all thread bolt by welding a nut on one end



To set the angle correctly I clamped the steel plates to the back of the bogie arm and then tack welded the two plates to each other.

I then removed the plates and completed the welding.

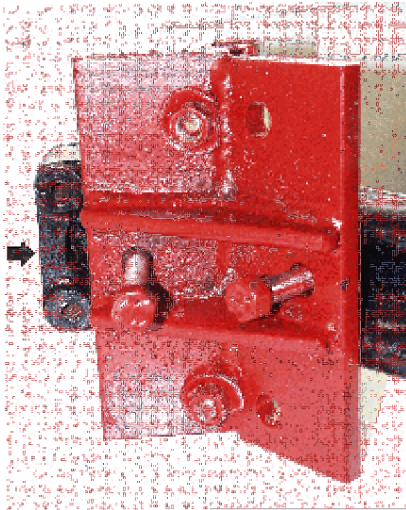
A hole was drilled so that a bolt could be used centered on the back of the spindle

Another hole was drilled so that a bolt could be used to secure the puller from rotation by pressing against the back of the bogie arm.

In both cases nuts were welded to the back side of the steel plates.

Originally the holes used to secure the square tube were further from the welded corner of the plates. The tool provided better clamping with the holes slotted towards the corner.

The tool also clamped better after a lump of steel (a nut) was welded to the tube. This lump of steel prevented the tube from pressing up against the side of the spindle.



I found that sometimes, when the spindles were securely rusted in place, a solid hit with about a 2 lb hammer on the end of the bogie arm was necessary to break loose the rust.

You must evaluate the information presented for you and for your circumstances. If you are without the experience or skills or if the enclosed is not suitable for your use then please do not use. While this assembly has worked well for me I can take no responsibility for your use of this information.