

PHP 2026 / 2027

Replacing the Footrest Extension Handle Pivot Stud

Call 303-670-8882 for questions, clarifications or assistance.



This procedure **DOES NOT** require removing the upholstery and other parts from the frame. It is shown this way for clarity.

TOOLS

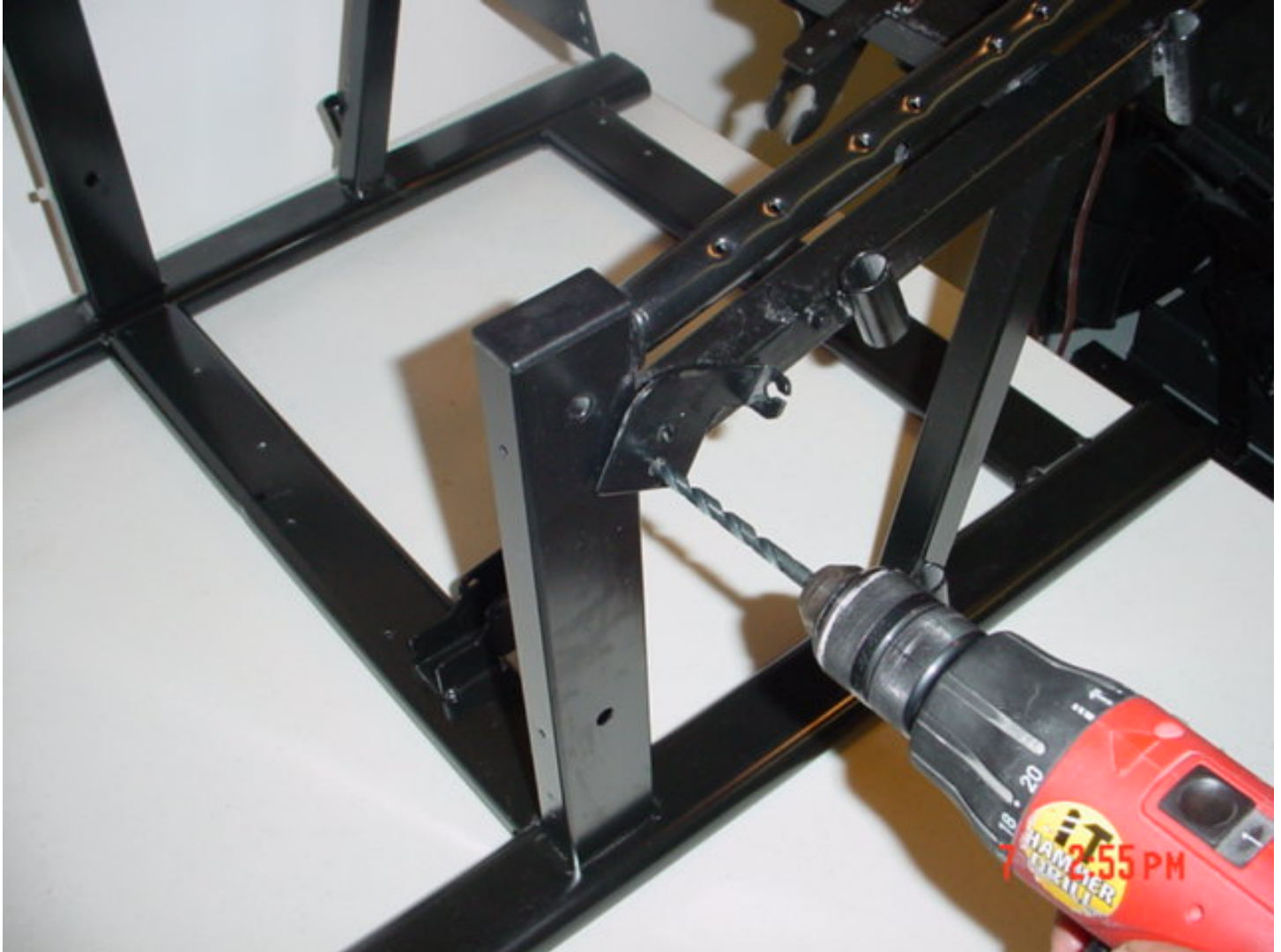


We have provided you a basic tool kit which includes:

- 1) 6.8 mm drill bit (= 17/64 inch)
- 2) 8mm x 1.25 tap
- 3) tap handle
- 4) replacement screw-in stud and 10mm nylon-lock nut.

You need to supply your own drill. It is highly recommended that you also have on hand your choice of a thread-lock and light-weight oil, such as WD 40 or 3 in 1 oil.

Drilling the hole / broken stud out



The next step is to drill out the hole and any portion remaining from the broken stud. It is helpful at this point to use a small amount of WD 40 or 3-in-1 oil in the hole to lubricate the drill bit to prevent scorching. Remember you are drilling out the hole where the stud was attached to the bracket, *AND* are also drilling a new hole in one side of the square frame tubing itself. It's important to keep the drill at a 90 degree angle as best as possible. Be sure and clean up the small bits of metal to prevent them from getting into any parts of the chair.

Tapping the hole to accept the new threaded stud.



Insert the tap into the T-handle and tighten securely.

Tapping the new hole to accept the new threaded stud.



Begin by putting a bit of oil on the end of the tap and in the hole. Then insert into the hole.

Begin tapping (threading) by turning the tap clockwise about $\frac{1}{2}$ turn, then stop, and reverse by about $\frac{1}{4}$ turn, but don't remove the tap.

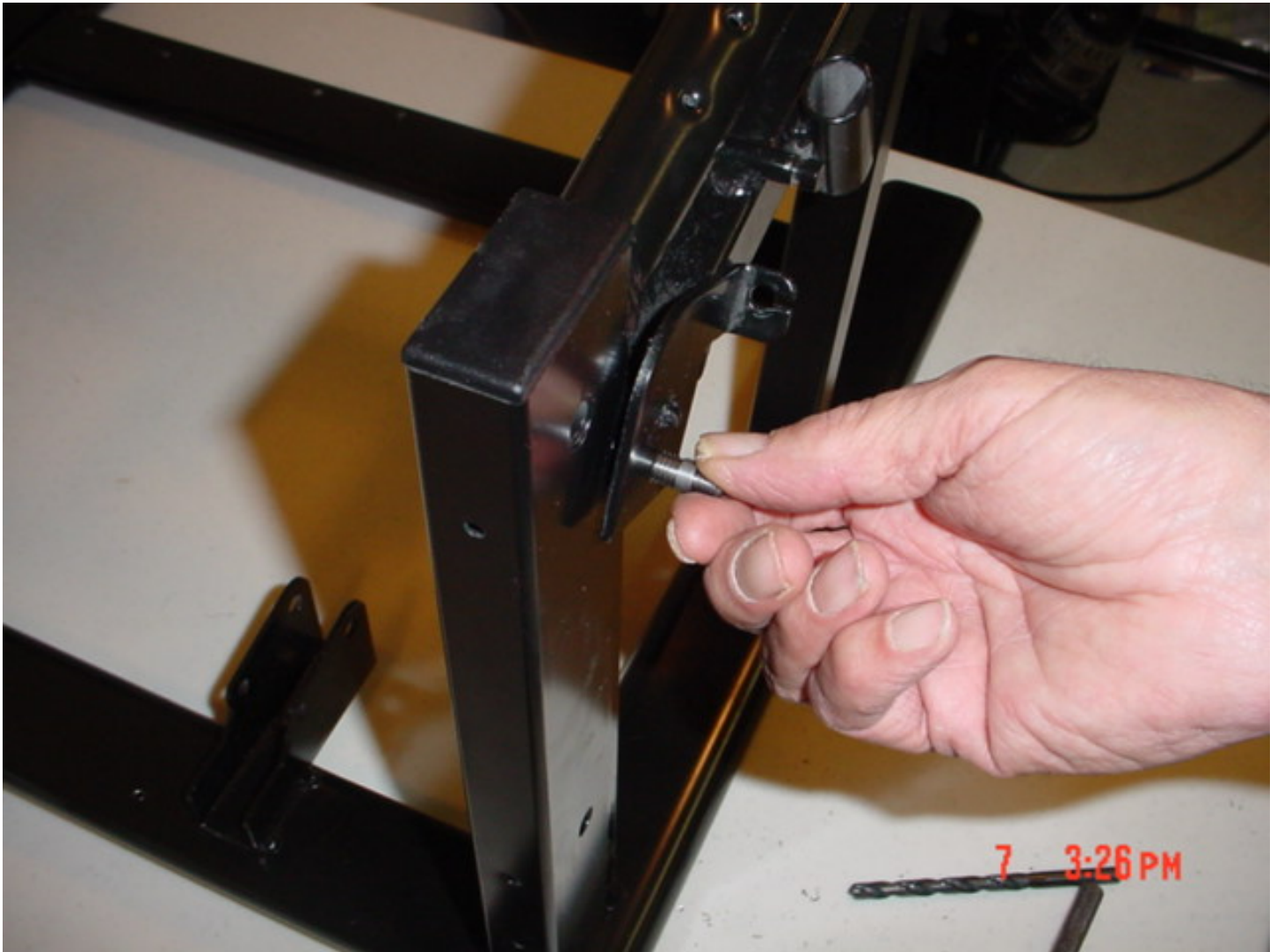
Continue this process until the new hole is threaded completely through the new hole. This can be tedious and may take several minutes to complete. Continue adding a bit of oil as necessary. **DO NOT** turn the tap clockwise more than about $\frac{1}{2}$ turn at a time

After each $\frac{1}{2}$ turn clockwise, reverse the tap about $\frac{1}{4}$ of a turn.

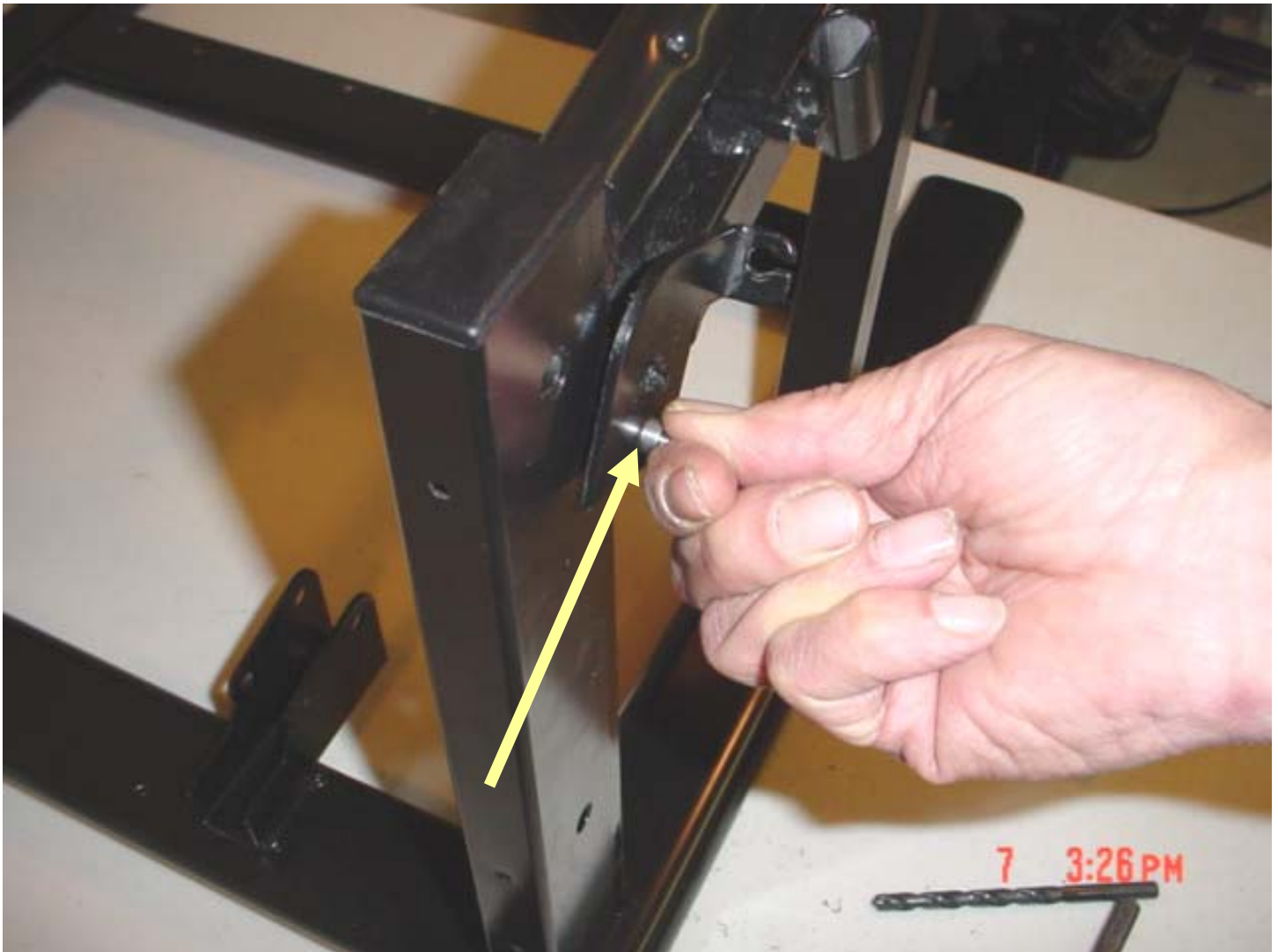
Tapping the new hole to accept the new threaded stud.



When the threading is complete, there should be about $\frac{3}{8}$ to $\frac{1}{2}$ " of the tap sticking into the hole.



Insert the large end of the threaded replacement stud in the hole, and turn it clockwise. It is recommended to add a drop or two of thread lock prior to screwing in the stud.



Continue turning until the un-threaded 'shoulder' is against the frame. Hand tightening is normally sufficient. When you replace the Footrest extension handle on the stud and tighten with the supplied lock-nut, it will tighten down the entire assembly.

If the threaded stud does not thread in by hand, you may need to repeat the 'tapping' process to clean out the threads.

Process Complete, reinstall the outer bracket



Repairing the bracket is now complete. You are ready to reassemble the handle, spring and the rest of the sub-assembly.

FINAL STEP- reassemble the handle, spring, and cable.



If you have any questions or need assistance in completing the tasks, call Premier Health Products at 303-670-8882.