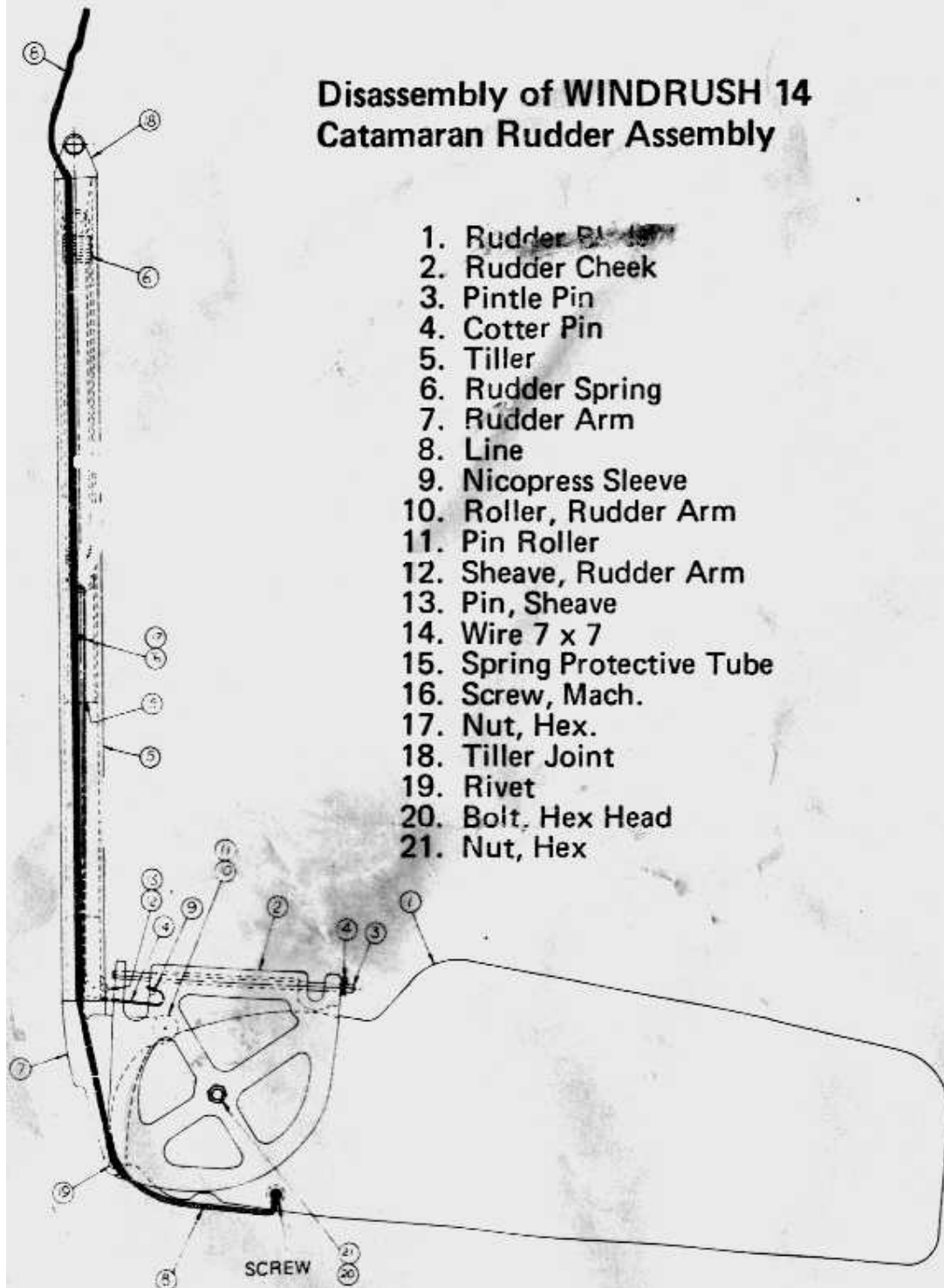


## Disassembly of WINDRUSH 14 Catamaran Rudder Assembly

1. Rudder Blade
2. Rudder Cheek
3. Pintle Pin
4. Cotter Pin
5. Tiller
6. Rudder Spring
7. Rudder Arm
8. Line
9. Nicopress Sleeve
10. Roller, Rudder Arm
11. Pin Roller- 12. Sheave, Rudder Arm
- 13. Pin, Sheave
- 14. Wire 7 x 7
- 15. Spring Protective Tube
- 16. Screw, Mach.
- 17. Nut, Hex.
- 18. Tiller Joint
- 19. Rivet
- 20. Bolt, Hex Head
- 21. Nut, Hex



Starting with the rudder attached to the boat, first remove the  $\frac{1}{4}$  x  $1\frac{3}{4}$ " bolt that goes through the tiller (Item #16). Lift the tiller until the loop spring extends beyond item 16 bolt hole, reinsert the bolt and fasten the nut. Using needle nose pliers, remove item 9, wire with micropress sleeve, from the hole in the rudder cheek. This should allow you to remove the entire tiller assembly from the rudder. The knot which is fastened into the rudder blade should be untied and item 8, rudder lifting line, should be removed along with the tiller. To remove any of the parts inside the tiller, the wire cable with micropress sleeve will have to be attached to a small rod, then pulling on the tiller with the wire secured to the rod, the bolt (Item 16) could be removed and the spring allowed to compress and the entire assembly will be unloaded. At that time, the tiller joint spring wire cable, or any of the internal fittings in the tiller assembly, can be replaced. Removal of the rudder blade can be accomplished with the tiller spring loaded or unloaded. To remove the blade, simply lift up on the tiller to unload the cam (Item #10) unbolt the rudder pivot pin (Item #20) and lower the blade from the rudder cheeks.