

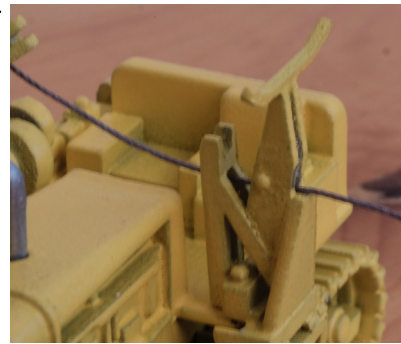
## Adding Cables

Materials needed - thread (gray or black), white glue or canopy glue.

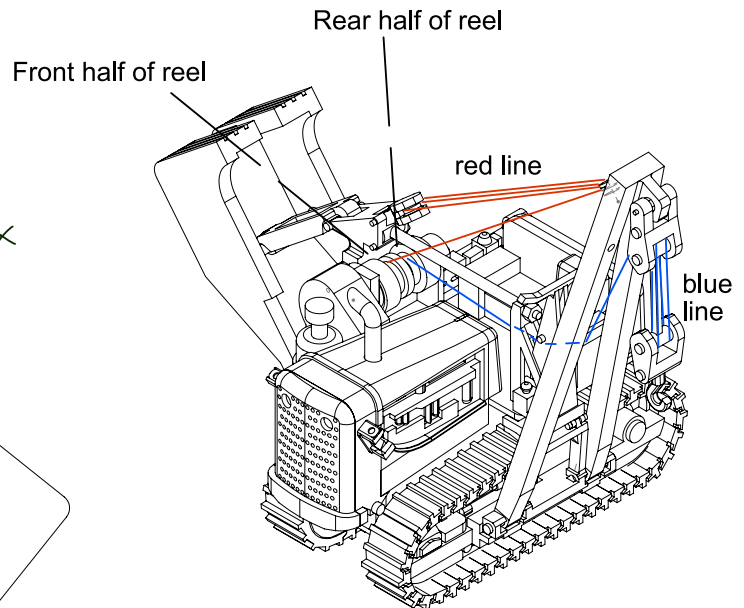
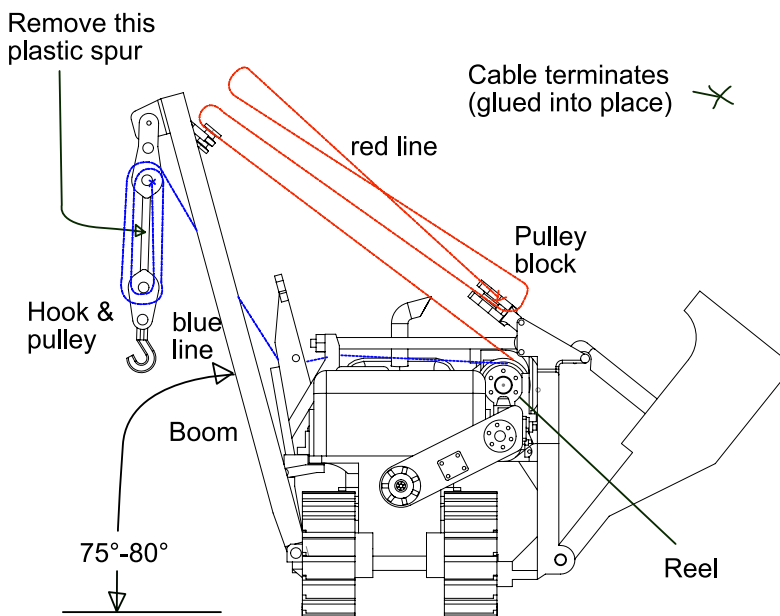
Cables super-imposed for clarity on diagram.

Blue line from front half of reel controls raising and lowering the hook.

Red line from rear half of reel controls the raising and lowering of the boom.



Cable thru slots in SB-10



**For color view of the cables,  
please visit our website.  
[www.wheelsotime.com](http://www.wheelsotime.com)**

- a) Cut about 2 pieces of 20" for HO scale or 2 pieces of 15" for N scale lengths of threads.
- b) The reel consist of two parts which the "cables" are wound around. The front half of the reel (in relations to the front part of tractor) controls the up & down movement of the crane. The rear half of the reel controls the raising and lowering of the hook (in relations to the rear part of the tractor).
- c) The reel is wound so the cables are on the topside. Glue one piece of thread to the front half of reel, and likewise on rear half of reel. Wind some of the cable on the reel. Install reel on SB-11 receiving holes.
- d) Thread cable from rear half of reel through the slots in SB-10 with lots of extra thread to make the pulley & hook.
- e) The angle of the boom is to be set before completing the cable that controls the hook. Thread cable from front half of reel up to the boom where the pulley wheel is located and return through the wheel block on SB-11. 3 round trips. Terminate thread into wheel block on SB-11 by glue. Make sure boom is at an angle you would like - say 75 to 80°. Ensure threads through wheels blocks are not slack. The more vertical the boom is held, the higher lift capacity of the tractor.
- f) Thread from front half of reel through SB-10, wind thread for 2 round trips between block and tackle or 4 strands of thread between the two parts. Using a flush cutter, remove the plastic sprue between block and tackle on pulley hook.
- g) Use white glue or canopy glue to stiffen the thread so it won't look slack.