

Big Baler Needle Tip Replacement

⚠ CAUTION

Park baler on level ground and block tires before starting any maintenance.

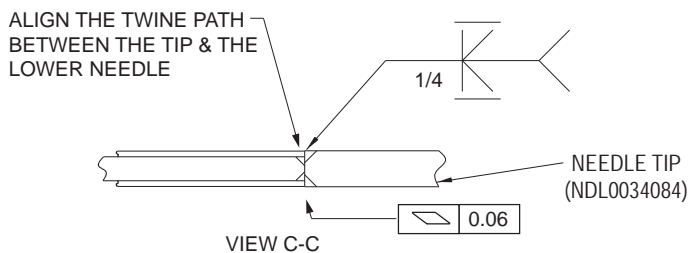
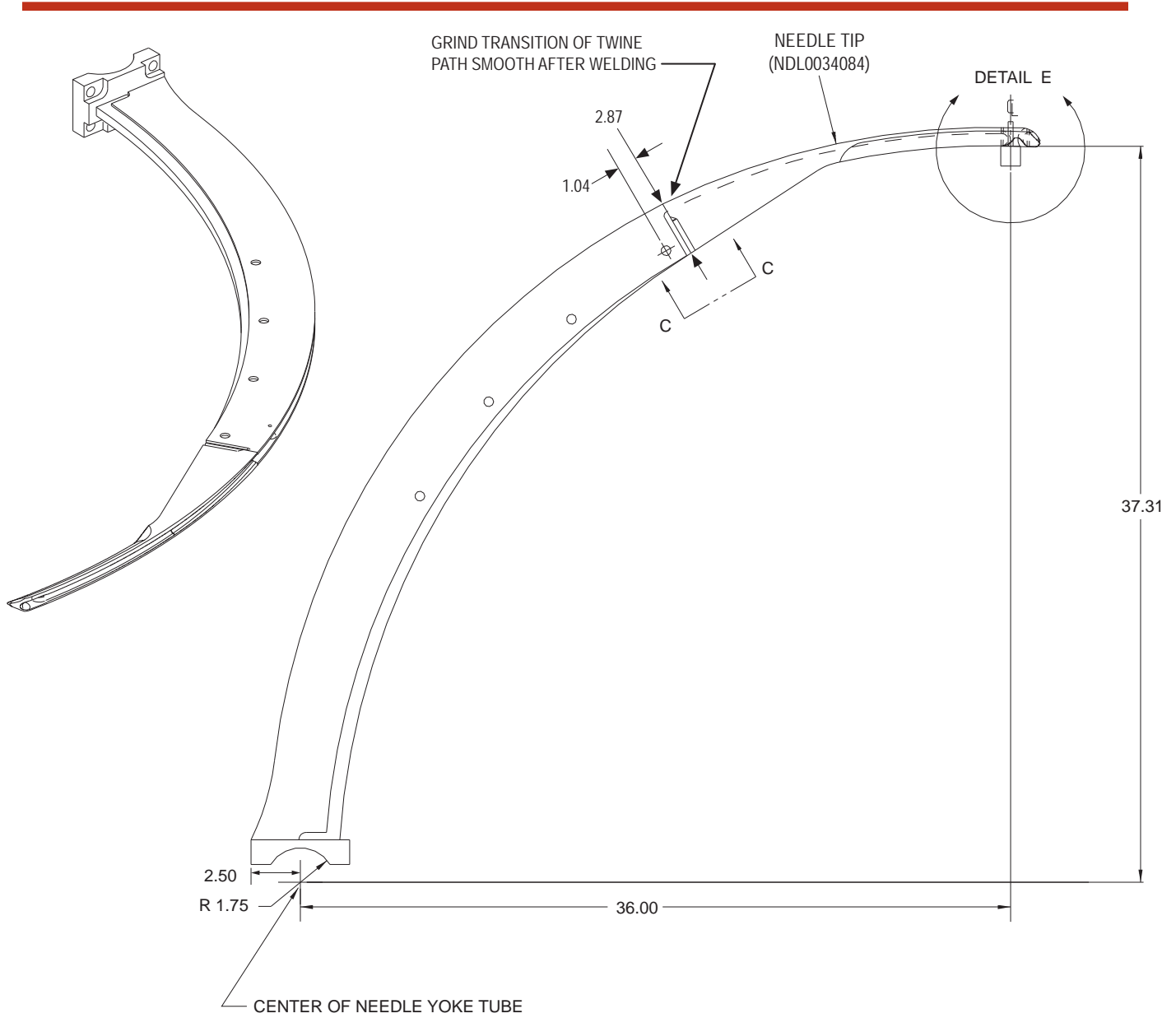
⚠ WARNING

Shut off tractor and baler engine before servicing the baler.

Do not attempt to make adjustments, or perform repairs unless you are authorized and qualified to do so.

- Remove needle from baler.
- Remove old needle tip.
- The mating surface of the needle should be deburred, smooth and flat. Remove any weld material from the previous needle tip. The mating surface should be 2.875" long and 1.04" from the center of the nearest hole on the needle (see Figure 1).
- It is recommended to use a jig to check for proper needle tip alignment.
- Follow all procedures in Figure 1.
- After welding and making sure the needles are straight, The twine path transition from needle to needle tip must be ground and sanded smooth.
- Run a piece of twine from the eye, along the twine path, and through the transition from needle tip to needle. Grasp one end of the twine in each hand and aggressively run the twine back and forth to polish and assure the smoothness of the twine path. The twine must not hang or catch on any imperfections or the twine may break during baling.
- After installing the needle with the new tip, check all clearances before operating the baler. See your balers Operator's Manual for needle adjustment information.

Notes: _____



TIP WELDING PROCEDURE:

FIXTURE THE PARTS AND PREHEAT A
1" ZONE ON BOTH SIDES OF THE JOINT
TO 1000 F. MIG WELD WITH 40% NICKEL
(Ni 40 OR EQUIVALENT) WIRE.

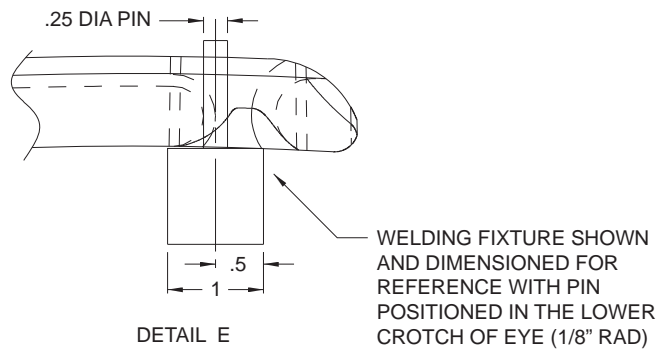


Figure 1