



P1 PSASSEMBLY ASSEMBLY REQUIRED - - 0"

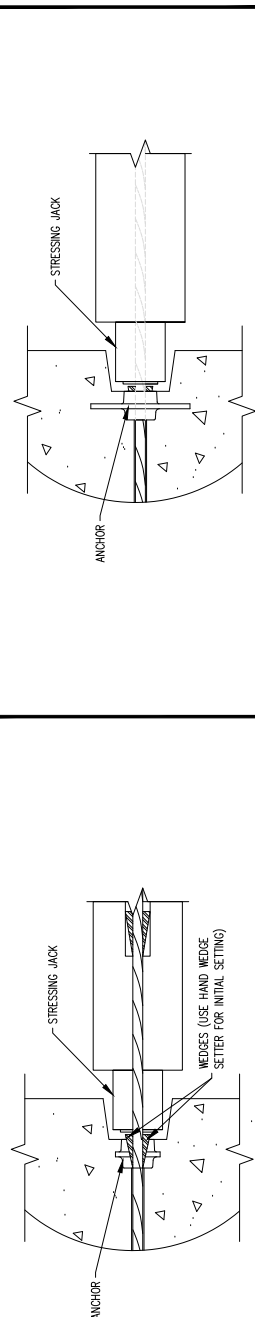
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U.S. - 201 001 (MEL311)

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1. Remove turn rolls. Verify concrete strength with Schmidt Hammer or cylinder breaks. Concrete should be a minimum of 3,750 PSI before cable can be stressed.
2. Remove recessed plastic pocket—formers at the post—tensioning anchor.
3. Remove the plastic sheath from the strand oil the way from the base of the anchor to the end of the strand. Clean off grease from exposed portion of cable. Use a suitable solvent. Never heat or use flame on the cable.
4. Insure that the tapered holes in the anchors are cleaned and free of any debris or cement paste, which might interfere with proper wedge seating.
5. Install wedge sets around the strand at each anchor. Press the wedges in with the fingers evenly. Then, using a hand wedge setter, engage the wedges securely so that the stress will be evenly distributed over the wires of the strand.
6. Slide the stressing jack over the cable and place against the wedges installed in the cast-in anchors (see details A & B).
7. Using manufacturer recommendations, properly secure the stressing jack to the strand.
8. Standing back from the system, engage the jack to stress the strands until the pump pressure gauge corresponds to 33 k required tension on the $\frac{1}{2}$ " cable and note the elongation achieved. Whenever stressing, be sure to observe safety precautions and operator positioning in anticipation of unexpected failures.
- NOTE: Force in the tendons shall always be measured by gauge readings and verified by elongation. Compare the elongation noted during stressing to the theoretical (calculated) elongation to ensure proper pull (tension) is reached. Refer to industry manuals (PCI) for the proper methods of calculating elongation.
9. Release pump pressure slowly and remove the jacking system and temporary stressing anchor. Four post release tension on the cable will be 28.5 K.
11. Cut off strand tails at 1" from the wedge and pack the holes with permanent grout. Repeat procedure for other end of cable.





Structure ID: Assembly - Assembly

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