

350, 351, 354 Transport Restoration Sequence

Transport Serial Number _____
 Catalog Number _____
 Date _____

- Mount transport on plywood stand
- Demag heads
- DeOxit head cable connectors
- Connect with electronics
- Measure "before" playback freq response using MRL Calibration Tape
- Recap all 3 motors
 - Torque motors - Grainger 6X652, 4 mF
 - Capstan motor - Graninger 6X653, 5 mF
 - Mounting kits - Grainger 3M533 (need 3) & spade connectors from hardware store
- Clean faceplate & switchplate
- Clean & restore switchguards if necessary, using 400 & 600 wet/dry paper
- Adjust shutoff switch on takeup arm assembly
- Lube capstan motor with turbine oil
- Run in capstan lube & repeat turbine oil lube as necessary
- Clean & lube capstan idler assembly
- Sand capstan idler smooth
- Clean & lube takeup arm assembly
- Scrub faceplate
- Adjust supply reel tension: Target 6 to 7-1/2 Oz. Before: _____ Oz. After: _____ Oz.
- Adjust take-up reel tension: Target 6 to 7-1/2 Oz. Before: _____ Oz. After: _____ Oz.
- Adjust brakes: Target 15 to 16 ounces Before: _____ Oz. After: _____ Oz.
- Adjust capstan idler pressure at 117 VAC: Target 5 Lbs. Before: _____ Oz. After: _____ Oz.
- Check for good tape pack and shim if necessary
- Refinish head assembly cover
- If 351-2, make up control cable for 2 electronics and transport with Cinch connectors
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Grams to Ounces conversion

57	2
71	2.5
170	6
184	6.5
199	7
213	7.5
227	8
426	15
454	16
2270	80 5 Lbs.