PREVENTIVE MAINTENANCE AND ASSEMBLY OF TELAFLEX COVERS

1. Telescopic steel covers are coated with a light film of oil and covered with wax paper for shipment. This prevents corrosion during a shipment. After receiving the covers, remove wax paper and, if necessary, apply some light lubricating oil to the external surfaces of the cover either before or after installation.

2. Way covers should be extended only after proper installation onto the machine.

3. Some steel cover applications require extension brackets (Figure 1). The brackets extend the machine ways to support the covers in the closed position without limiting machine travel and must provide a smooth transition on all riding/guiding surfaces between the end of the ways and the support bracket. The brackets must be level and parallel.

4. Care should be taken when lowering covers onto ways/rails/riding surface, so as not to damage the guides/riders/rollers on the underside. Detachable lift lugs, or clearance Ø’s for lifting rods are typically provided on large, heavy covers.

5. Mounting instructions:
   a. Mount covers in the closed/compressed position.
   b. Mount covers perpendicular to the direction of travel.
   c. The smallest box, must be checked with a level, and should be mounted first. Once mounted correctly (guides should be engaged on rail, front plate perpendicular to plane of travel), move the table (or large box mounting unit) into position to mount the large box. Mount both large and small box in compressed condition, do not extend to mount.
   d. The large box must not exert downward pressure on the other boxes after mounting. Lift from rested state position if there is none and make level.
   e. Cover assembly must not be distorted during assembly.

TELESCOPIC WAY COVER MAINTENANCE PROCEDURES

Adhering to these procedures will significantly prolong the life and increase the performance of TelaFlex way covers. It should be noted that these are general procedures. The schedules may need to be adjusted in situations where heavy chip loads and other harsh environments are present.

Wipers, guide shoes, bumpers, and scissors mechanisms should be considered perishable items and may require replacement depending upon travel speed environment and the wear that occurs.

Inspection and Cleaning / Daily

Way covers should be visually inspected daily for dents and/or other damage to outside surfaces. If any such imperfections exist that may hinder proper performance of the covers, the covers should be removed and repaired.

If a coolant spray wash is not available, chips should be wiped off or brushed off and a lubricant should be applied. Do not use an air hose to remove chips.

If machine has been idle or if cover surfaces appears dry, the cover should be washed down before operating, then moved slowly to the extended position and lubricated. It is recommended that after extended downtime, the cover should be lubricated per above and then open and close the unit slowly (in manual machine operation) to insure nothing is binding and the cover is operating effectively.

2000 Hour

Covers should be removed from machine every 2000 hrs of operation. Cover sections should be separated and cleaned of all debris inside and out. They should also be inspected for worn wipers and replaced as necessary. All damaged or dented sheet metal should be repaired. Covers can then be reassembled and remounted on machine. Open the cover to maximum travel and lubricate.

Covers that are subject to dry machining should be lubricated daily to extend the life of the wipers. Every 1000 hours the covers should be removed from the machine, cover sections should be pulled apart then cleaned and inspected before reassembly.
Lubricating a Cover

Lubrication is critical to the longevity of the wipers on Telaflex way covers. Extend cover to the fully extended position, clean, and then apply lubricant. The lubricant can be sprayed on or wiped on with a clean cloth. Standard hydraulic oil/5W motor oil/silicon lube or similar products are recommended.

Scissors Maintenance

Anytime a cover with a scissors is removed from a machine, it should be inspected for signs of wear or breakage. Check to be sure that shoulder bolts are secure and the nuts are tight. Inspect scissors arms for twists or cracks. If any damage is found, replace scissors.

Replacing a Scissors

1. Remove nuts and washers, and then lift off old set.
2. Before installing new sets of scissors, clean and inspect shoulder bolt. Try to keep the sections equally spaced for easier installation of the new set.
3. Place a washer over each shoulder bolt.
4. Place the new or reworked set of scissors with a washer between centers of each scissors strip over shoulder bolt.
5. Install new nuts and torque to specified inch pounds, making sure scissors and washers are centered. Tack weld nut if applicable.
6. Use lithium grease to lubricate scissors and reinstall cover.

Need Help?

If problems arise in the use or maintenance of your Telaflex telescopic way covers, or if you would like to return covers to us for repairs, please call 800-298-2066.

DISASSEMBLY OF A TELAFLEX UNIT

1. Remove fasteners on largest cover box.
2. Move cover into compressed position.
3. Pull out largest box and leave others in closed position.
4. Apply downward pressure on wiper and tilt end of box upwards, pivot about wiper.
5. Repeat steps 1-4 on other boxes

Reassembly should be done in the opposite order. (Do not distort covers)