

## **7000ELD Specifications**

Truck covering system to be Donovan Enterprises model 7000ELD for use on 10 foot to 20 foot bodies.

### **SYSTEM WEIGHT**

The 7000ELD weighs 167 lbs, is weight class 55, and comes in two boxes.

### **ELECTRIC DRIVE SYSTEM**

Covering system to be operated by either a 12 or 24 Volt electric direct drive motor (no chain or sprockets) with a 90:1 reduction ratio. Motor is to be mounted to a motor mount bracket supporting the tarp roller bar on the driver's side. Motor has a 3/4" diameter drive shaft. Electric kit supplied with a minimum of 60 feet of 8-gauge dual conductor wire and dash plate with forward and reverse action rotary switch with an automatic reset circuit breaker. Motor is protected by plastic cover to prevent damage from weather and improved appearance.

**Optional Durabuilt Solenoid Switch Kit** consist of a forward and reverse action rocker switch with mounting bracket, a sealed solenoid and cover, an automatic reset circuit breaker and a wiring harness.

### **ROLLERBAR ASSEMBLY**

Roller bar assembly to be a one- piece extruded aluminum design 98 inches in length. Roller bar has a 3/4" inside diameter. The extrusion pattern is such that a tarp may be installed using a spline or through bolts. One eighth inch steel bearing plates with 3/4" diameter, self-aligning, sealed flange bearings mount on cab shield to support roller bar.

### **WIND DEFLECTOR ASSEMBLY**

**Optional Wind deflector** is to be constructed of 2 pieces of 16 gauge galvanized steel, and adjustable to accommodate various width of roller bar. Wind deflector to be mounted on cab shield in front of roller bar assembly to facilitate airflow over tarp.

### **PIVOT ARM AND TORSION SPRING ASSEMBLY**

Pivot arms are constructed in a 2 piece bent arm configuration. Pivot arms are constructed of 1 1/2" inch square, 14 gauge steel tubing. Bent arm extensions are constructed of 1 1/4" square, 14 gauge steel tubing with 45 degree bend 36 inches from pivot arm inserted side and a 90 degree bend 8 inches from rear cross piece inserted side. Rear cross-piece is constructed of 1" square, 14 gauge steel tubing, 88 inches in length. Wire diameter is 1/2" chrome silicon torsion springs, wound with a 4 1/2" diameter, must slide freely up inside of pivot arms without permanent attachment. Pivot arm mounting brackets are constructed of a 4" diameter steel drum with a 1" diameter solid steel center shaft to secure pivot arms and torsion springs to side of truck body. Base of pivot arm rides on a self lubricating bushing and attaches to the center shaft with a 1" washer and 1/4" by 3" cotter pin.

## FINISH

All steel components must be finished with a black primer coating.

## HARDWARE

Covering system is to be supplied with all of the nuts, bolts, mounting brackets, installation instructions and miscellaneous hardware necessary to install the mechanism onto the truck body.

## PARTS LIST

	<u>Qty</u>	<u>Part #</u>
<b>7000 ELD, Complete System</b>	<b>1</b>	<b>35</b>
<b>Pivot Assembly</b>		
Pivot Arm, 7000, Left Side	1	1671
Pivot Arm, 7000, Right Side	1	1669
Pivot Mount, 70 / 90	2	781
Washer, 1"	4	182
Spring, Torsion, 1/2", Right	1	263
Spring, Torsion, 1/2", Left	1	702
Bearing, Oil Impregnated, 1"	2	1665
Bent Arm, 7000, Left	1	1344
Bent Arm, 7000, Right	1	1346
Pivot Arm Rest	2	952
Rear Cross Piece	1	1348
<i>Field Mounting Cotter Pins</i>	6	2475
<b>Head Assembly</b>		
Bearing Plate, Steel, L/H, ELD	1	3270
Bearing Plate, Steel,	1	3270
Bearing, Flange, 1"	1	145
Direct Drive Motor w/ Cover	1	61G
Wire, 8 Guage, 60'	1	89
Motor Switch Kit	1	85N
Roller Bar, Extruded Aluminum	1	2365
<b>Wind Deflector (OPTIONAL)</b>	<b>1</b>	<b>1647K</b>

