

BULLET SPECIFICATION

This truck covering system is to be known as Donovan Enterprises' model Bullet. This system can be used on dump bodies up to 23 feet long.

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 " 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.

ROLLER BAR ASSEMBLY

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

WIND DEFLECTOR ASSEMBLY

Optional Wind deflector to be constructed of 1 rounded piece of polished aluminum which can be cut to accommodate various width of trucks. 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

The pivot arms are constructed in a 2-piece configuration. The lower pivot arms are 70" long and are constructed of 6005-T5 aluminum with a maximum side wall thickness of 0.094", bullet end thickness of 0.245" and a thick end of 0.500". The profile is bullet shaped, with a long axis of 3.102" with an overall width of 1.582". The upper arm extensions are 100" long and are constructed of 6105-T5 aluminum with a maximum wall thickness of 0.094". The profile is also bullet shaped, with a long axis of 2.506" and an overall width of 1.294". The rear cross piece is constructed to the same specifications as the upper arm. Each Bullet System will include 2 matching 90 degree aluminum cast elbows to connect the upper arms into the rear cross piece. The heavy duty silicone chrome torsion springs are .625" wide and have a coil diameter of 3.46". Each unit uses 4 springs, mounted side by side within the lower paddles of the lower arm assembly. Pivot arm mounting brackets are constructed of steel with 1 shaft. This shaft supports the lower pivot arm and spring assembly.

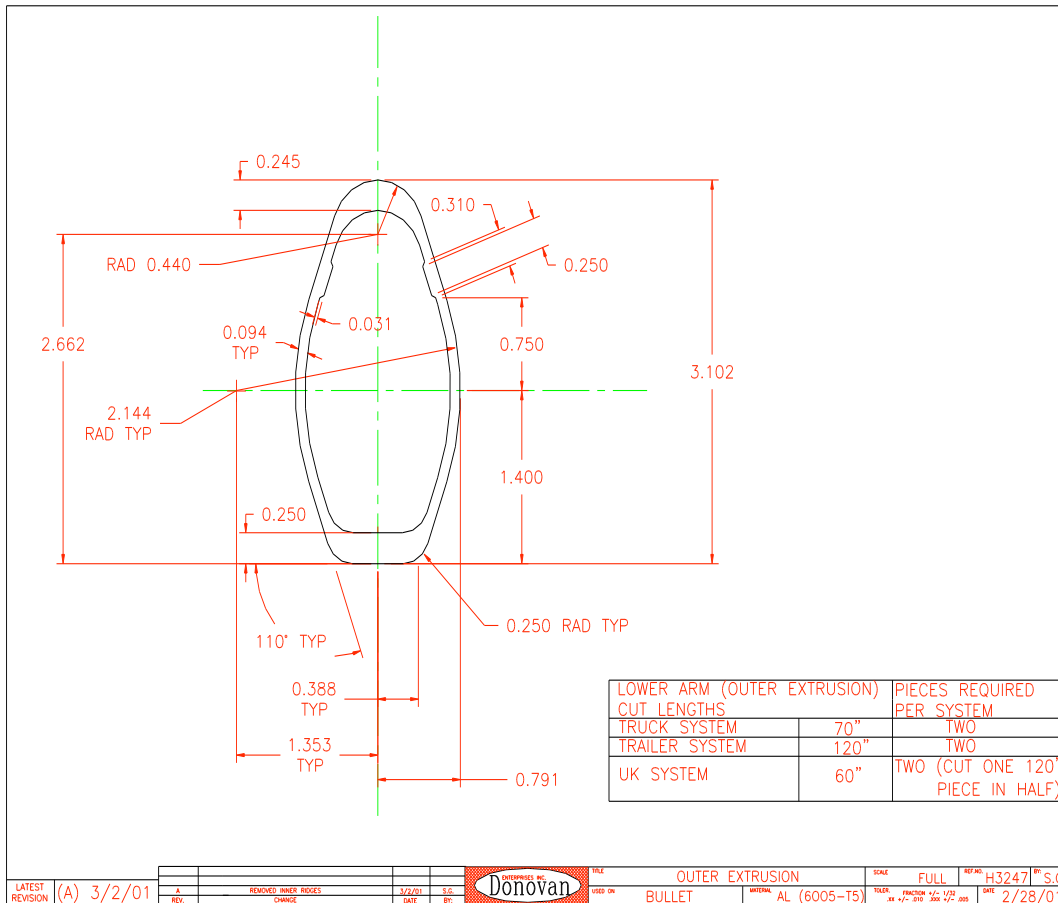
FINISH

All pivot arm and rear cross piece components have a protective anodized finish.

HARDWARE

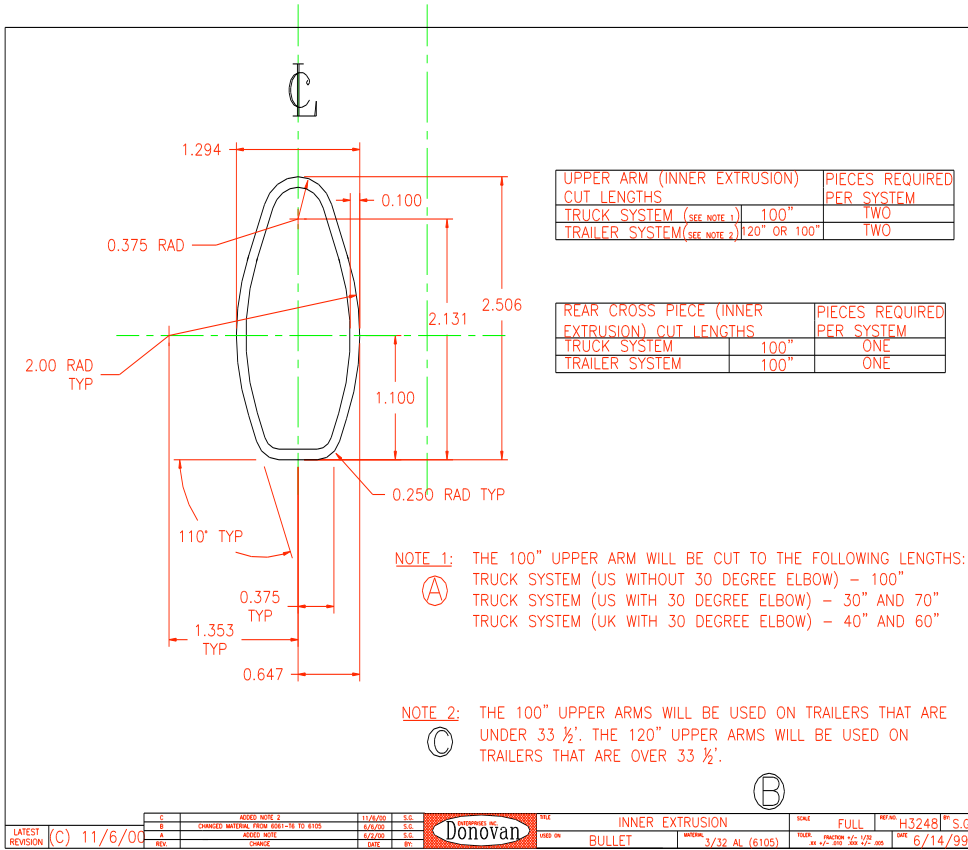
Covering system is to be supplied with all of the nuts, bolts, mounting brackets, installation instructions and miscellaneous hardware necessary to install the mechanism onto the truck body. All hardware will be of grade 5 or higher.

LOWER PIVOT ARM EXTRUSION DRAWING



LATEST REVISION	(A) 3/2/01	REV	A	REMOVED INNER ROSES	DATE	3/2/01	S.G.	ED		TITLE	OUTER EXTRUSION	SCALE	FULL	REF NO.	H3247	S.G.	
											BULLET						2/28/01

UPPER PIVOT ARM EXTRUSION DRAWING



TORSION SPRING DRAWING

