



BAY-LYNX TERRACAT

SPREADER



PARTS MANUAL

FOR MODELS: TC12, TC14

BAY  **LYNX**

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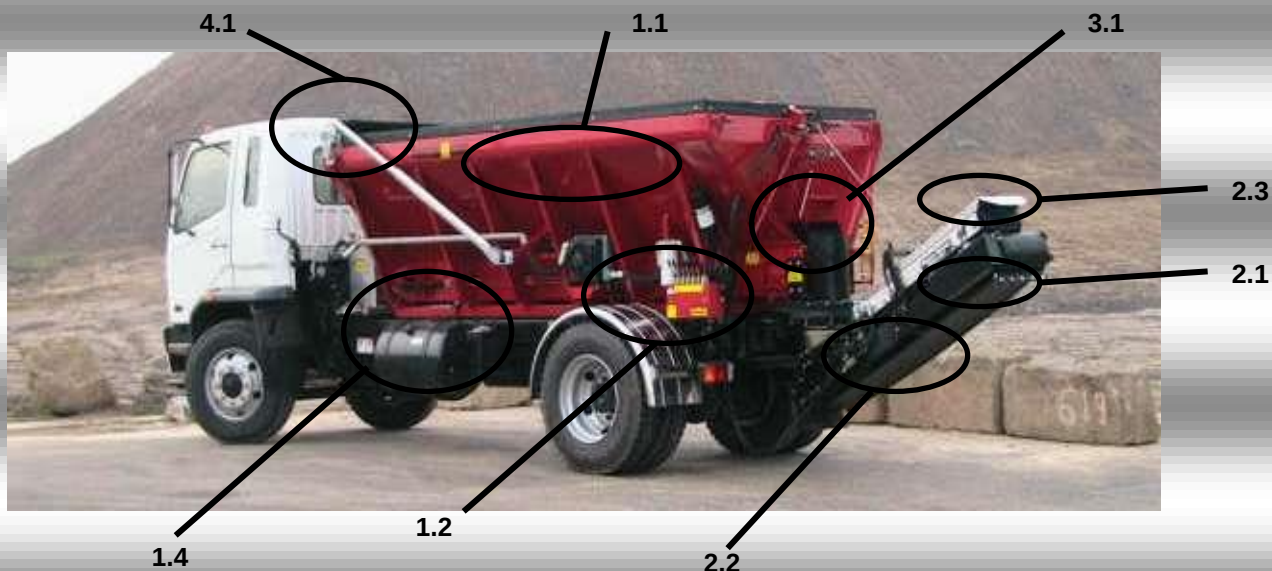


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1.1 BOX COMPONENTS



**PIN – TOP - LOAD
SUSPENSION BEAM**



**PIN – BOT. – LOAD
SUSPENSION BEAM**



**12V ELECTRIC VIBRATOR
(4-BOLT)**

CABLE SHEAVE



**CHAIN CONNECTOR
LINK**

STOW HOOK

THROW CONVEYOR LIFT CYL.

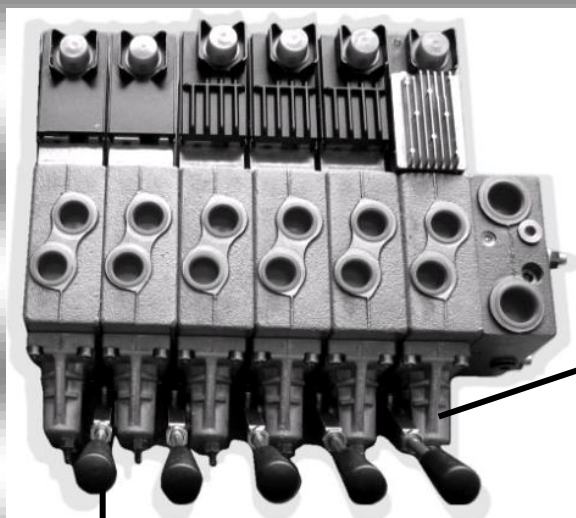


**LOAD SUSPENSION
BEAM CYLINDER**

Description	Part #	Qty.	Remarks
HYDRAULIC VIBRATOR (4 BOLT)	MVE 200 DC	(1)	
TUBE CLAMP 3/8" SINGLE	1038-PP		
COVER PLATE FOR 1038-PP	COP-1		
TUBE CLAMP 3/8" DUAL	T238-PP		
COVER PLATE FOR T238-PP	TCP-T2		
TUBE CLAMP 3/4" DUAL	T3075-PP		
COVER PLATE FOR T3075-PP	TCP-T3		
TUBE CLAMP 3/4" SINGLE	3075-PP		
COVER PLATE FOR 3075-PP	COP-3		
TUBE CLAMP 1" SINGLE	3100-PP		
COVER PLATE FOR 3100-PP	COP-3		
LOAD SUSPENSION BEAM CYLINDER	TC06-2	2	
SEAL KIT – LOAD SUSPENSION BEAM	SKC25-216A		
THROW CONVEYOR LIFT CYLINDER	TC06-1	1	
SEAL KIT – LIFT CYLINDER	SKC20-208A		
PIN – BOT. – LOAD SUSPENSION BEAM	TCP101	2	
PIN – TOP - LOAD SUSPENSION BEAM	TCP102	2	
CABLE SHEAVE – 3 1/2" DIA	SPB-01	6	
1/4" LIFTING CABLE – 16'-8" OR 18'-2"	LCB-01	1	
STOW HOOK – 2TON	SH-2T	2	
CHAIN CONNECTOR LINK	CLC-01	2	

1.2 MAIN VALVE BANK & COMPONENTS

ON/OFF
DANFOSS COIL HIGH COIL



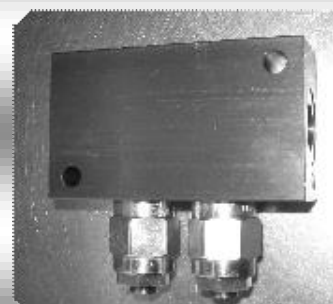
HANDLE

HOUSING KIT

HANDLE BASE



CONVEYOR CONTROLS



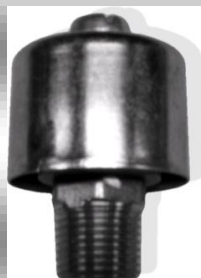
COUNTER BALANCE
VALVE

Description	Part #	Qty.	Remarks
ON / OFF DANFOSS COIL	157B4216		- 12V
HIGH PROPORTIONAL COIL	157B4033	1	- 12V
HOUSING KIT	157B3171		- INCLUDES HANDLE
HANDLE	157L3151		
HANDLE BASE	157L3451		
COMPLETE HANDLE ASSY	157L3450-K		= 157L3151+157L3451
CONVEYOR CONTROLS			CALL FOR ASSISTANCE
COUNTER BALANCE VALVE	E2B02OZN	1	

1.3 FILTRATION



FILTER ASSEMBLY



**FILLER BREATHER
CAP**



**FILLER BREATHER
3/4" NPT**



**RETURN FILTER
ELEMENT**



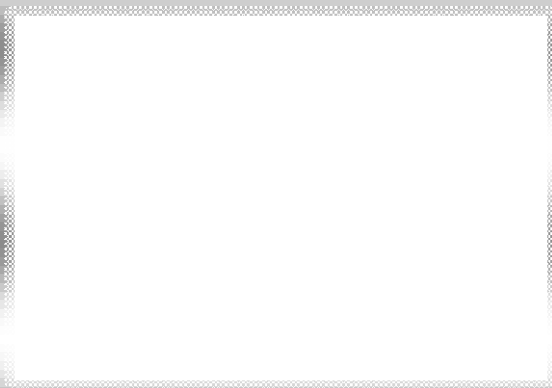
**LEVEL / TEMP
GAUGE**



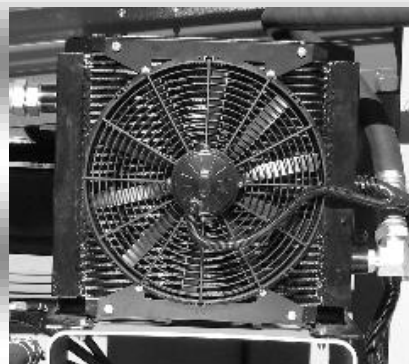
**FILLER BREATHER
KIT**

Description	Part #	Qty.	Remarks
FILTRATION			
RETURN FILTER HEAD	BPF21S10BN05	1	
RETURN FILTER ELEMENT 10M SMALL	SF 6720		WAS: ESF21NCC
RETURN FILTER ELEMENT 10M LARGE	BL6721-04		WAS: ESF22NCCDP
SCHROEDER PRESSURE FILTER	CF60-9CZ3-S-D5		
ELEMENT FOR SCHROEDER PRESSURE FILTER	9CZ3		
LEVEL / TEMP GAUGE	ASG-105		
FILLER BREATHER 3/4" NPT	HBF-12		
FILLER BREATHER CAP	5-ABV-138		
FILLER BREATHER KIT	P13/57/XL-40		

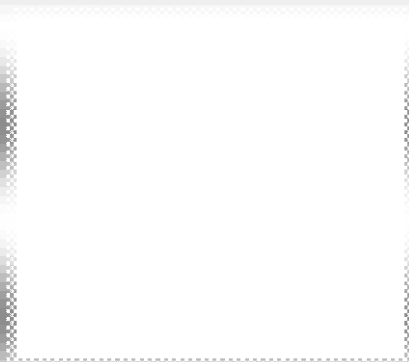
1.4 RESERVOIRS / COOLERS



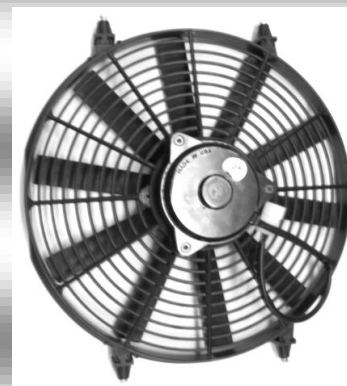
**COOLER
202021LS**



MA32 COOLER

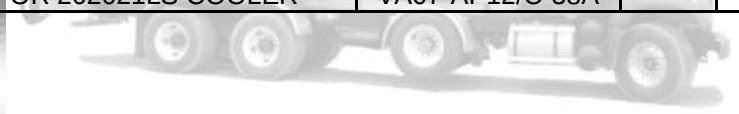


**COOLER
IBS-L-024.1.2.1**



**FAN & MOTOR
ASS'Y**

Description	Part #	Qty.	Remarks
RESERVOIRS			
50 GAL STEEL SADDLE	BL-3500		- CALL FOR DETAILS
50 GAL ALUMINIUM SADDLE	BL-4500		- CALL FOR DETAILS
50 GAL STEEL STACK	BL-3000		- CALL FOR DETAILS
50 GAL ALUMINIUM STACK	BL-4000		- CALL FOR DETAILS
HYDRAULIC COOLERS			
COOLER – SINGLE FAN	IBS-L-024.1.2.1		- SINGLE FAN
COOLER – SINGLE FAN	MA32		- SINGLE FAN
COOLER – DOUBLE FAN	202021LS		- TWIN FAN
FAN & MOTOR ASSY FOR IBS- SERIES COOLER	IBSP0000-EL009		
THERMOSTAT FOR IBS COOLER	IBSP0001-TE01		
FAN AND MOTOR ASSY FOR MA32 COOLER	TTP00007		
FAN AND MOTOR ASSY FOR 202021LS COOLER	VA07-AP12/C-58A		



2.1 THROW CONVEYOR - DRIVE END

THROW BELT (CHEVRON / PLAIN)



V-ROLLER

DRIVE SPROCKET



DRIVE SPROCKET
INSERT

DRIVE CHAIN

TAKE-UP ROD &
3/4 " SQUARE / HEX NUTS

SPROCKET-HEAD
PULLEY

SHAFT-HEAD
PULLEY

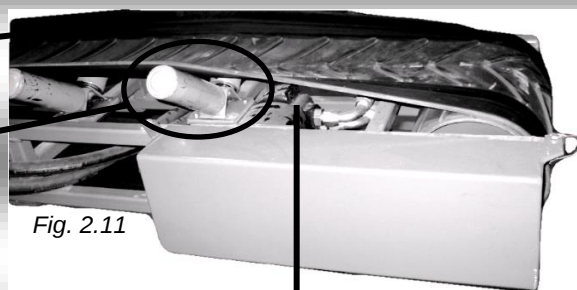


Fig. 2.11

THROW MOTOR – CHAIN DRIVE

HEAD PULLEY

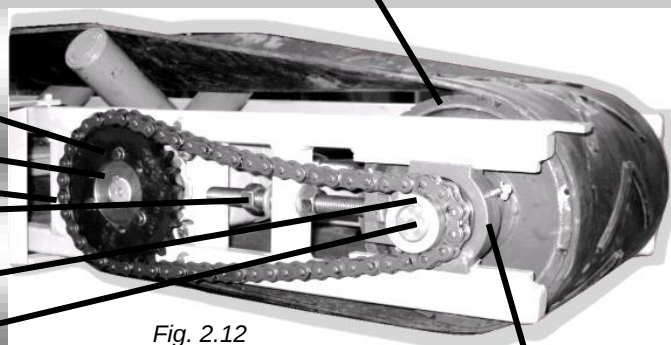


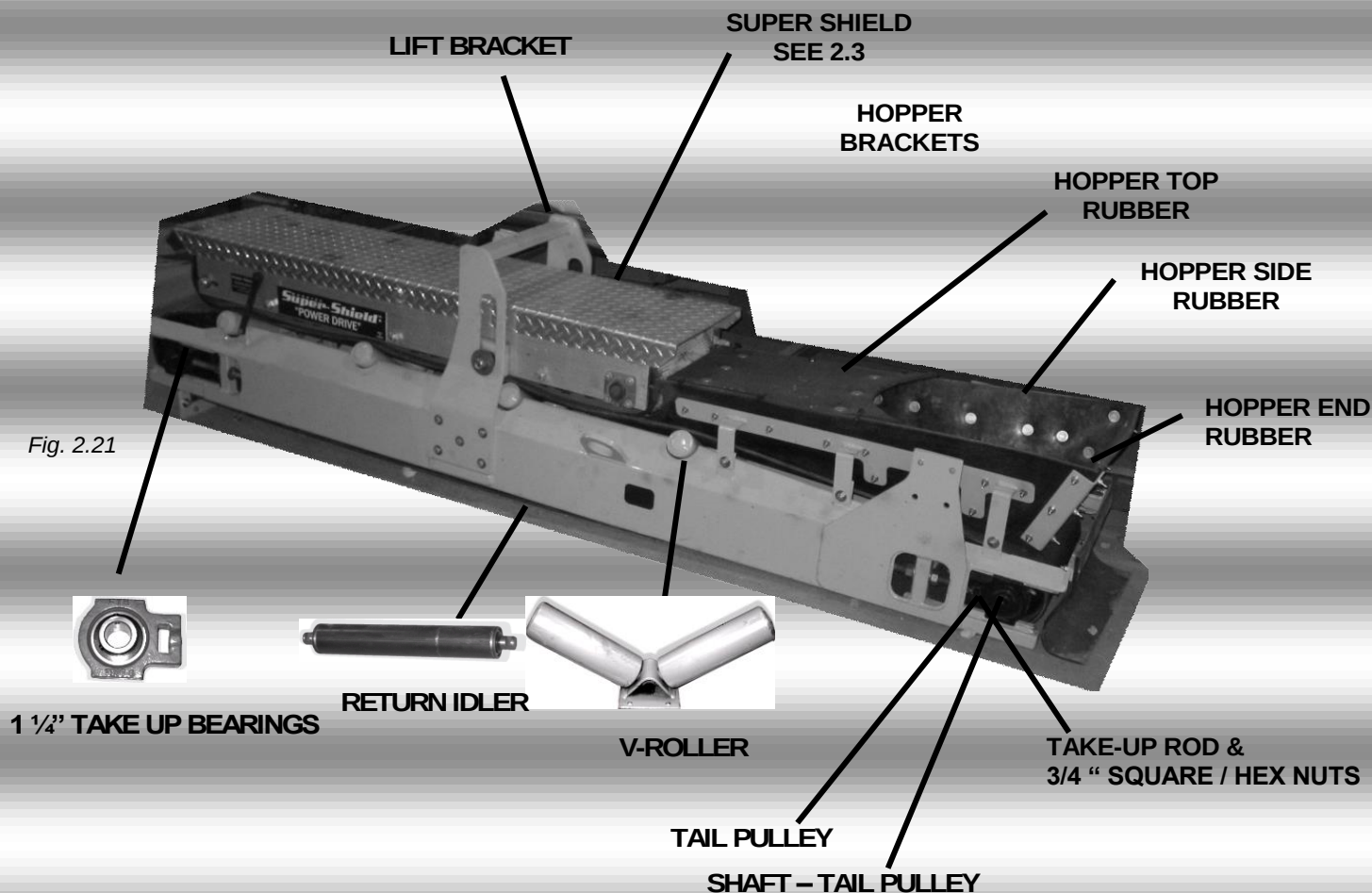
Fig. 2.12



1 1/4" TAKE UP BEARINGS

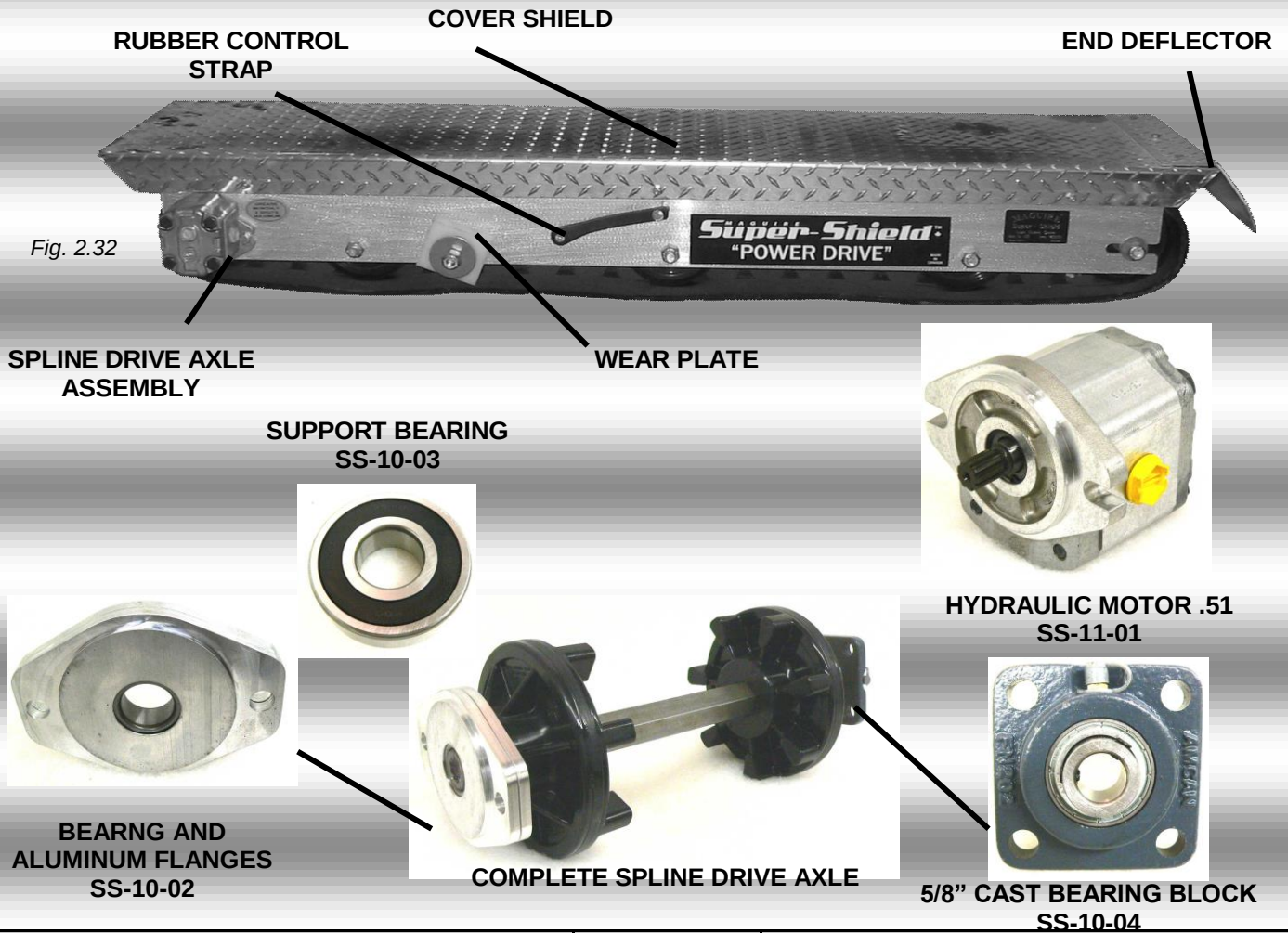
Description	Part #	Qty.	Remarks
CHAIN GUARD	TMCG	1	
THROW MOTOR - CHAIN DRIVE – DS100	151-2343	1	
SEAL KIT FOR 151-2343	151-1274		
HEAD PULLEY SPROCKET	60H11H	1	
HEAD PULLEY SPROCKET INSERT	H-1 1/4	1	
DRIVE SPROCKET- 27 T	60SK27	1	
DRIVE SPROCKET INSERT	SK 1	1	
HEAD PULLEY	08D1415-20H	1	
SHAFT - HEAD PULLEY – 8" DIA.	SBS-20-20-6	1	
1-1/4" TAKE UP BEARINGS	UCT207-20JE	2	
V-ROLLER	14-1030V	VARIES	
TAKE UP ROD		2	
3/4" SQUARE NUTS		2	
3/4" HEX NUTS		4	
THROW BELT – PLAIN – 8'-6" BOOM	14-17-2P		8'-6" BOOM ONLY
THROW BELT – CHEVRON – 8'-6" BOOM	14-17-C		8'-6" BOOM ONLY
THROW BELT – PLAIN – 9'-10" BOOM	14-20-5-2P		9'-10" BOOM ONLY
THROW BELT – CHEVRON – 9'-10" BOOM	14-20-5-C		9'-10" BOOM ONLY

2.2 THROW CONVEYOR – MAIN COMPONENTS



Description	Part #	Qty.	Remarks
RETURN IDLER	14-10320		
LIFT BRACKET	TCLB	1	
HOPPER BRACKETS		R/L	
HOPPER SIDE RUBBER		2	
HOPPER END RUBBER		1	
1-1/4" TAKE UP BEARINGS	UCST207-20JE	2	
V-ROLLER	14-1030V	VARIES	
TAKE UP ROD		2	
3/4" SQUARE NUTS		2	
3/4" HEX NUTS		4	
BUSHING – BOOM TO CRADLE	CB1620-10	2	
TAIL PULLEY – 8" DIA.	08D1415-20	1	
SHAFT FOR TAIL PULLEY	SBS-18-20-0	1	

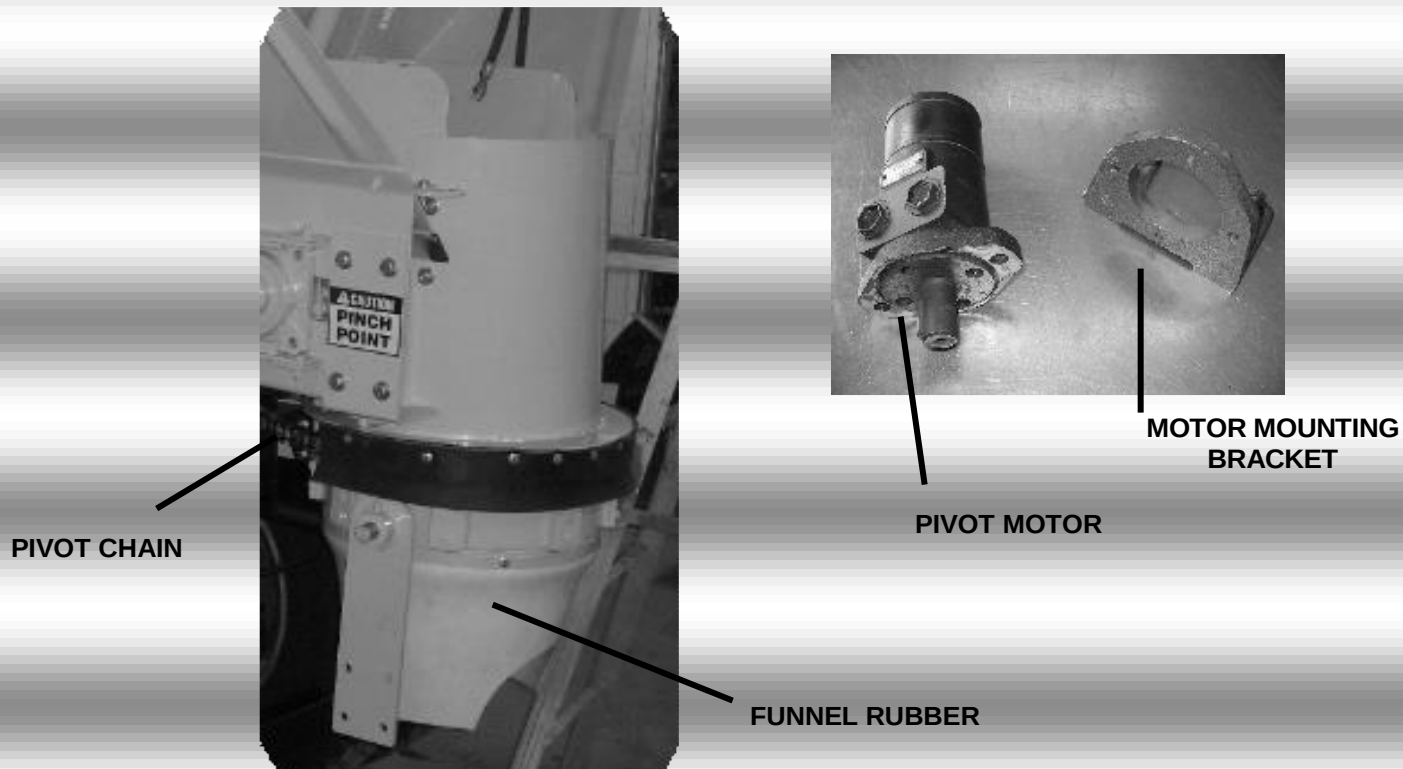
2.3 POWER DRIVE THROW CONVEYOR – SUPER SHIELD



Description	Part #	Remarks
<u>SUPER SHIELD</u>		
POWER DRIVE 3000 SUPER SHIELD	SS-01-PD	- COMPLETE ASSEMBLY
AXLE ASSEMBLY	SS-05-01	- FOR MOUNTING THE IDLER ROLLERS
WEAR PLATE	SS-16-02	- LOCATED BEHIND THE MOUNTING PL'S
IDLER WHEEL	SS-02-01	
RUBBER CONTROL STRAP	SS-07-02	- CONNECTED TO MOUNTING PLATE
COVER SHIELD	SS-08-02	- ALUMINUM
LONG END DEFLECTOR	SS-09-02	- ALUMINUM
MOULDED BELT, V-STYLE	SS-TV-121	
SIDE MOUNT ROLLER REPLACEMENT	SS-14-01	- NYLON SLIDER BOLT
COMPLETE SPLINE DRIVE AXLE	SS-10-05	- CONNECTS TO MOTOR
HYDRAULIC MOTOR .37	SS-11-02	
POWER DRIVE AXLE BEARING BLOCKS 5/8'S	SS-10-04	



3.1 PIVOT RING COMPONENTS



Description	Part #	Qty.	Remarks
PIVOT RING COMPONENTS			
PIVOT CHAIN - # 80x71.75"LG	TC80-RIV	1	
PIVOT CHAIN MASTER LINK - # 80	CL80	1	
FUNNEL RUBBER	TC-FR-01	1	TC-FR-01 (old #)
PIVOT MOTOR – 8'-6" BOOM	101-1039-009		FOR 8'-6" BOOM
PIVOT MOTOR – 9'-10" BOOM	104-1420		FOR 9'-10" BOOM
PIVOT MOTOR MOUNTING BRACKET	FB-A-10	1	

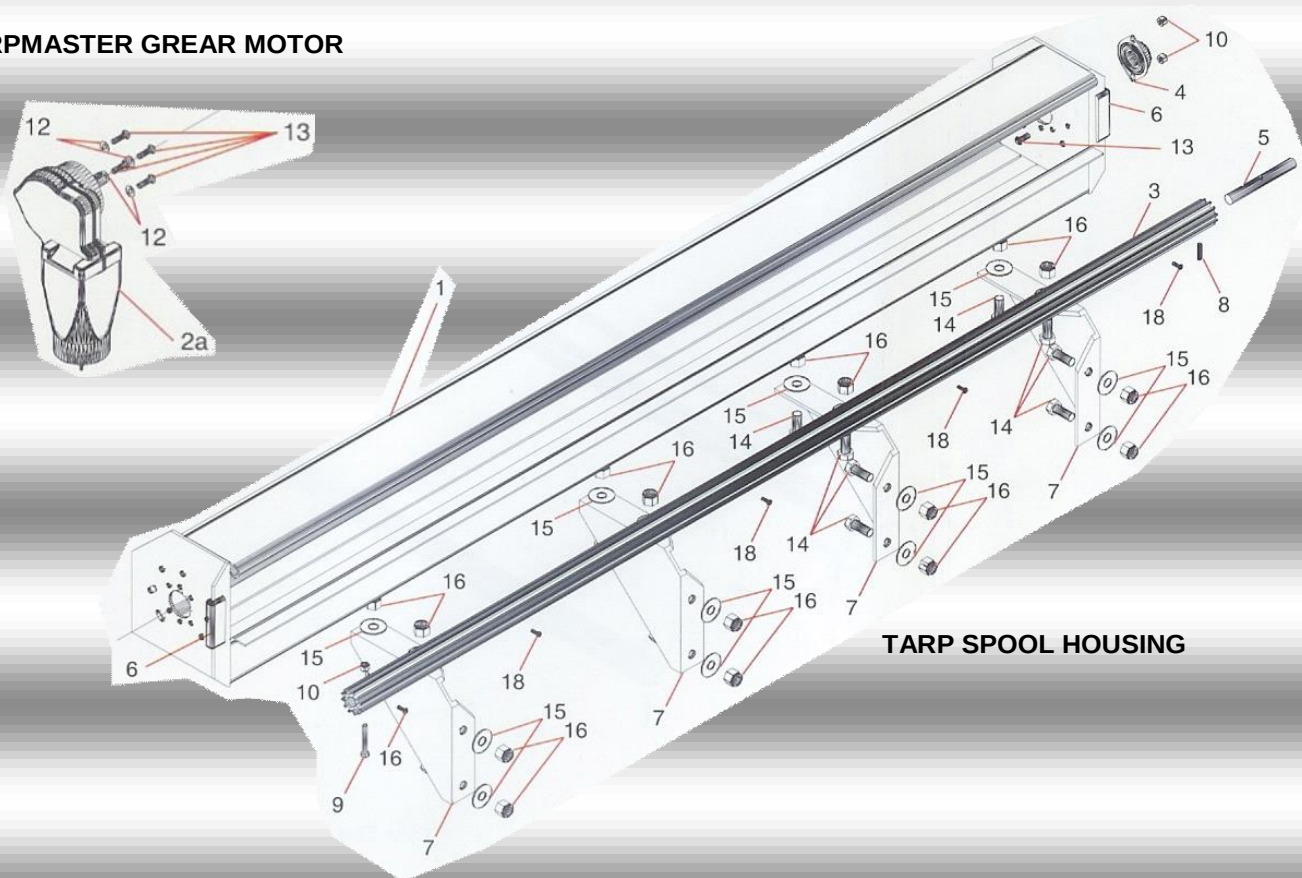
4.1 TARPS - ROLL-RITE ELECTRICAL TARP SYSTEM



Description	Part #	Qty.	Remarks
EXTERNAL MOUNT PIVOT PARTS			
1 STEEL 5-SPRING PIVOT PIN	45350		- STEEL OR ALUMINUM
2 PIVOT TUBE WITH SIDE PLATES	46150		- ALUMINUM
3 SPIRAL TORSION SPRING	47230		-
4 SNAP RING FOR PIVOT PINS	47000		
5 MACHINERY BUSHING FOR PIVOT PINS	47010		
6 5/8" x 1 1/2" BOLT	18710		
7 5.8" USS FLAT WASHER	18414		
8 5/8" NYLOCK NUT	18635		
9 1/2" x 3/4" BOLT	18292		
10 1/2" x 4-1/8" CLEVIS PIN	18560		- INCL. W/ 5-SPRING PIVOT
11 1/8" x 1" COTTER PIN	18299		- INCL. W/ 5-SPRING PIVOT
TARP BOW ONLY			
1 SIDE ARM w/ CORNER FOR TARP BOW	76760	2	
2 WIDE TUBE TOP FOR TARP BOW	76870	1	
3 TARP CENTERING FLANGE w/ SET SCREW	76810		
4 90° CORNER	76800		
5 5/16" x 1-3/4" BOLT	18214		
6 5/16" NYLOCK NUT	18613		
7 5/16"-18 x 1/2" SET SCREW	18228		

5.2 TARPS - ROLL-RITE TARP SPOOL WITH HOUSING

TARPMASTER GEAR MOTOR

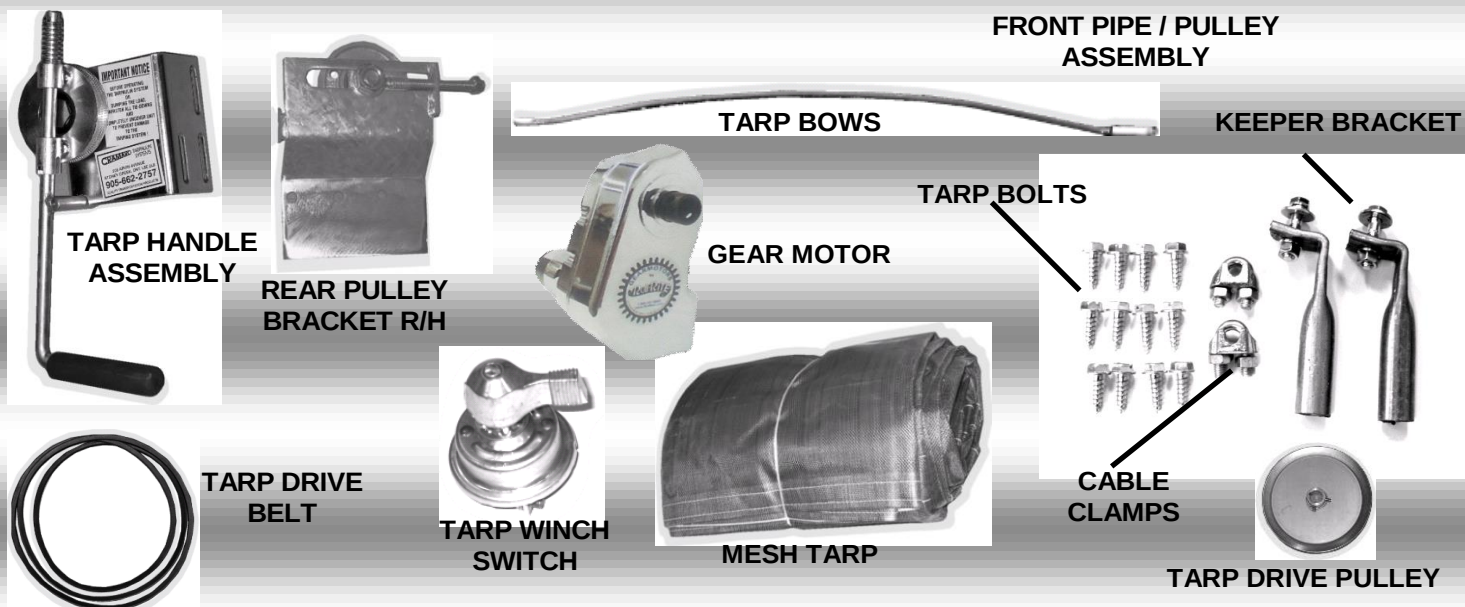


TARP SPOOL HOUSING

Description	Part #	Qty.	Remarks
1 98" TARP SPOOL HOUSING	36160	1	- SHELL ONLY
2 GEAR MOTOR, TARPMASTER	10310		
3 97" PRE-THREADED TARP AXLE w/ STUB SHAFT	31030	1	
4 3/4" AXLE BEARING w/ FLANGES	31050	1	- INCL. MOUNTING BOLTS
5 3/4" x 5 1/2" AXLE STUB SHAFT	10160	1	
6 RUBBER BUMPER FOR TARP SPOOL	36300	2	
8 5/16" x 1-1/4" ROLL PIN	18370	1	
9 5/16" x 2-1/2" BOLT	18280	1	
10 5/16" NYLOCK NUT	18613	3	
12 5/16" FLAT WASHER	18400	4	
13 5/16" x 7/8" BUTTON HEAD BOLT	18210	5	
18 5/16" x 5/8" BUTTON HEAD	18260	4	



4.3 SLIDE TARPS



Description	Part #	Qty.	Remarks
TARP WINCH "RULE"			
TARP WINCH SWITCH			
TARP CABLE (PER FOOT)	1/4" CABLE		
CABLE CLAMPS			
TARP BOWS			CENTRE PIPE – 12" RISE, 18" RISE
TARP HANDLE ASS'Y			
TARP DRIVE SPROCKET	40B55FX1		
#40 TARP DRIVE CHAIN	RS40-RIV		
#40 CONNECTING LINK	CL40		
ROLL-RITE GEAR MOTOR	10250		
REAR PULLEY BRACKET R/H	1136-RG-R	(1)	
REAR PULLEY BRACKET L/H	1136-RG-L	(1)	
FRONT PIPE/PULLEY ASSEMBLY		(1)	COMPLETE ASSEMBLY
TARP DRIVE BELT			USED WITH TARP HANDLE ASS'Y
KEEPER BRACKET			
TARP BOLTS			

NOTE: PLEASE ORDER TARP KITS OR COVERS USING THE FOLLOWING NOMENCLATURE

I M - 246 Bk

COLOUR:
Bk – BLACK, Bl – BLUE, Gr – GREEN, Rd - RED

LENGTH:
AGRACAT XL-18 (246), AGRACAT XL-15 (210),
MULTICAT MC21 (251), MULTICAT MC18 (230),
MULTICAT MC17 (210), MULTICAT MC15 (184)

MATERIAL:
M – MESH, V - VINYL

T – TARP ONLY
K – COMPLETE KIT

