

SEEDLING SPACINGS FOR *WHITFIELD* DIRECT DRIVE SEMI-AUTOMATIC TRANSPLANTERS

• NOTE • SOIL CONDITIONS BETWEEN SAND TO CLAY MAY REQUIRE CHANGING SPROCKETS, CHAIN AND PLANTING ARMS. GEAR BOX SPROCKET IS THE ONLY ONE TO BE CHANGED • USING 6" FRICTION DRIVE TIRES - 24" OD PACKING TIRES

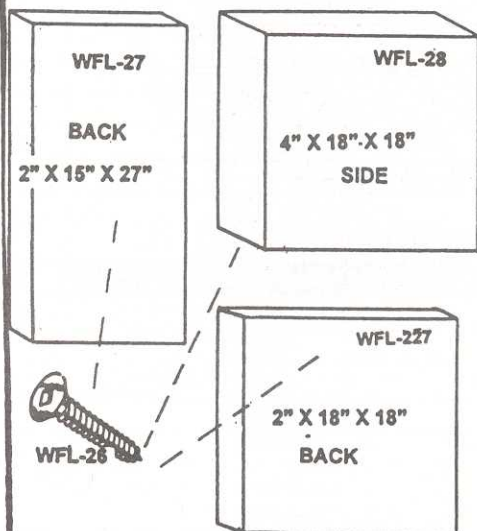
DRIVE SPROCKET	PLANTING ARMS	CHAIN LINKS	SEEDLING SPACINGS IN ROW
10 TOOTH	6	36	4 FT.
11 TOOTH	5	35	4 FT.
13 TOOTH	5	40	4 FT. BEDDED
11 TOOTH	5	40	5 FT.
10 TOOTH	5	35	5 FT.
12 TOOTH	4	40	6 FT.
10 TOOTH	5	40	6 FT.
10 TOOTH	4	40	7 FT.
12 TOOTH	3	36	7 FT.
9 TOOTH	4	40	8 FT.
8 TOOTH	4	40	9 FT.

PACKING TIRE ASSEMBLIES

SEMI-AUTOMATIC



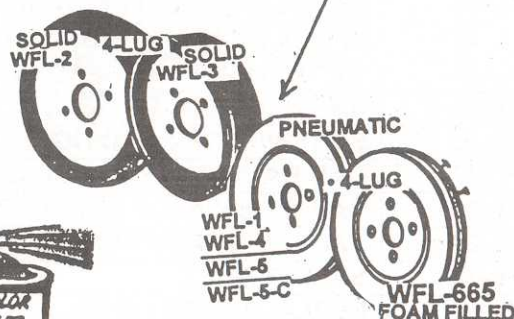
PROTECTIVE PADDING



WE CANNOT SHIP
PAINT •
PLEASE PURCHASE
LOCALLY



DIRECT DRIVE PACKING WHEEL
ASSEMBLIES • 6-LUG
BELT DRIVE OR DIRECT DRIVE
PACKING WHEEL ASSEMBLIES
4-LUG

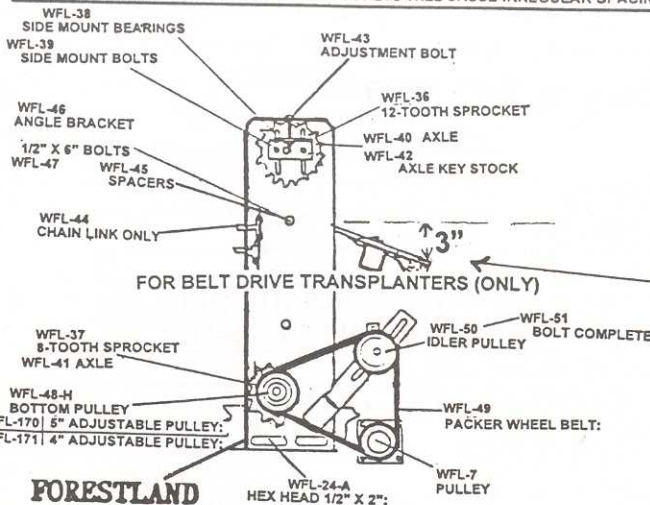


REPAIR PARTS FOR FORESTLAND TRANSPLANTERS		
PART#	DESCRIPTION	NO. REQ
WFL-1	REINFORCED GROUND DR WHEEL ONLY•4-LUG	2
WFL-2	SOLID PACKING WHEEL • 3" WIDE (OPTION) 4-LUG	2
WFL-3	SOLID PACKING WHEEL • 4" WIDE (OPTION) 4-LUG	2
WFL-4	GROUND DRIVE TIRE FOR ITEM WFL-1	2
WFL-5	GROUND DRIVE TUBE • 15" FOR ITEM WFL-4	2
WFL-5-C	WHEEL, TIRE & TUBE • (COMPLETE)	2
WFL-6	NUTS FOR GROUND DRIVE HUB	8
WFL-7	PULLEY DRIVE ASSEMBLY • 4-LUG	2
WFL-8	1/2" WHEEL SPACER	2
WFL-9	3/4" WHEEL SPACER	2
WFL-10	"SEAL" ONLY FOR GROUND DRIVE HUB	2
WFL-11	INTER HUB "BEARING"	2
WFL-12	INTER "CUP" FOR # 11	2
WFL-14	OUTER "CUP" •	2
WFL-15	OUTER HUB "BEARING"	2
WFL-16	WASHER, NUT, COTTER PIN F/SPINDLE	2
WFL-17	HUB "CAP" (KNOCK IN TYPE ONLY)	2
WFL-18	"HUB COMPLETE" (FOR BELT DRIVE SYSTEM)	2
WFL-19-A	GREASE CAP W/GREASE FITTING • SCREW-ON	2
WFL-19-B	GREASE FITTING FOR WFL-19-A	2
WFL-20	HUB ONLY W/RACES • FOR BELT DRIVE	2
WFL-21	SPINDLE ONLY (1 LEFT) FOR BELT DRIVE	1
WFL-22	SPINDLE ONLY (1 RIGHT) FOR BELT DRIVE •	1
WFL-24	1/2" X 2-1/2" FLT/HD COUNTER SUNK BOLT	8
WFL-24-A	HEX HEAD BOLT,NUT/LW/FW • 1/2" X 2"	4
WFL-26	SCREWS FOR PADDING	12
WFL-27	CAB BACK WALL PADDING COMPLETE	1
WFL-28	CAB SIDE WALL PADDING COMPLETE	2
WFL-29	PADDED COMFORT SEAT • LOW BACK 1-BOLT	1
WFL-30	SAFETY BELT	1
WFL-31	REPLACEMENT HORN • 12-VOLT	1
WFL-32	REPLACEMENT HORN WIRE • 25 FEET	1
WFL-33	HAND OPERATED HORN MOMENTARY SWITCH	1
WFL-36	12-TOOTH SPROCKET • TOP	1
WFL-37	8-TOOTH SPROCKET • BOTTOM	1
WFL-38	SIDE MOUNT BEARINGS•W/WFL-39COMPLETE	4
WFL-39	SIDE MOUNT BOLTS F/# 38	8
WFL-40	AXLE FOR # 36 SPROCKET (SHORT AXLE)	1
WFL-41	AXLE FOR # 37 SPROCKET (LONG AXLE)	1
WFL-42	AXLE KEY STOCK •ALL 4 PCS•1 PACK	1
WFL-43	ADJ BOLT FOR CHAIN AND SPROCKETS	2
WFL-44	CHAIN LINK ONLY • WITH PIN	40-42
WFL-45	SPACERS FOR CARRIAGE	3
WFL-46	ANGLE BRACKET FOR ADJUSTER BOLTS # 43	2
WFL-47	1/2" X 6" BOLTS F/#45 W/NUTS & L/W	3
WFL-48-H	HD BOTTOM PULLEY (MAIN DRIVE PULLEY)	2

BELT DRIVE SEEDLING SPACING: 35 LINKS OF CHAIN: 5 PLANTING POCKETS (1 EVERY 7 LINKS) EQUALS 6 FT. SPACING: FOR 8 FT. SPACING ADD 1 CHAIN LINK: REMOVE 1 PLANTING ARM: EVENLY SPACE OTHER 4 ON 9TH LINK. TIRE SIZE, WORN PULLEYS, WORN CHAIN & SPROCKETS WILL CAUSE IRREGULAR SPACING

THE PACKING TIRE ASSEMBLIES FOUND ON THIS PAGE MATCH THE BELT DRIVE AND CHANGE-OVER DIRECT DRIVE PLANTERS

WFL-1	REINFORCED GROUND DRIVE WHEEL ONLY - 4 LUG
WFL-2	SOLID PACKING WHEEL 3" WIDE (OPTION) 4-LUG
WFL-3	SOLID PACKING WHEEL 4" WIDE (OPTION) 4-LUG
WFL-4	GROUND DRIVE TIRE FOR ITEM WFL-1
WFL-5	GROUND DRIVE TUBE 15" FOR ITEM WFL-4
WFL-5-C	WHEEL, TIRE & TUBE (COMPLETE) PNEUMATIC - 4 LUG
WFL-665	4-LUG 500 X 15 FOAM FILLED ASSEMBLY



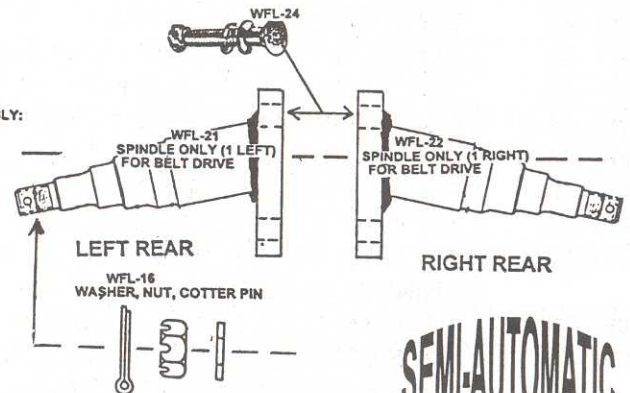
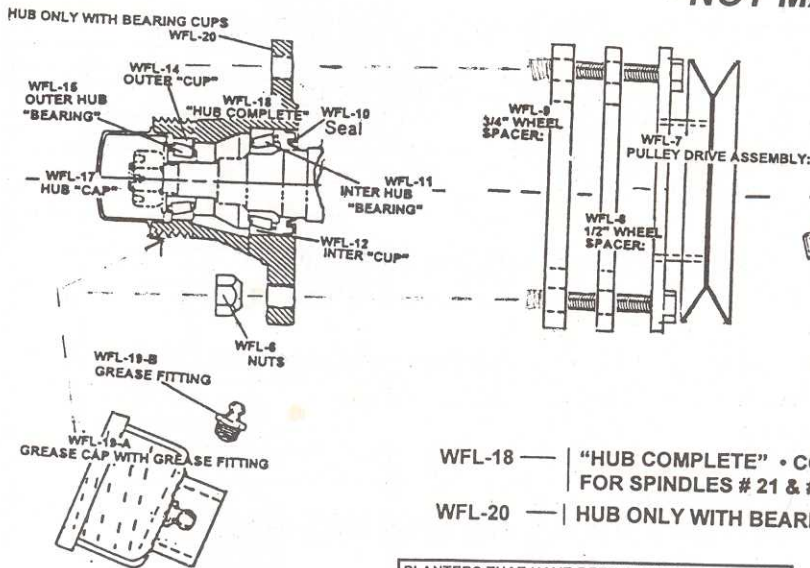
CHAIN SHOULD ALWAYS HAVE ENOUGH SLACK TO ALLOW FINGER ARM TO HANG 3" AS ILLUSTRATED ABOVE

BELT DRIVE PLANTER USES WFL-166 FOOT ASSEMBLY

ALL PLANTING FINGER PARTS SAME AS DIRECT DRIVE

FORESTLAND BELT DRIVE ASSEMBLY

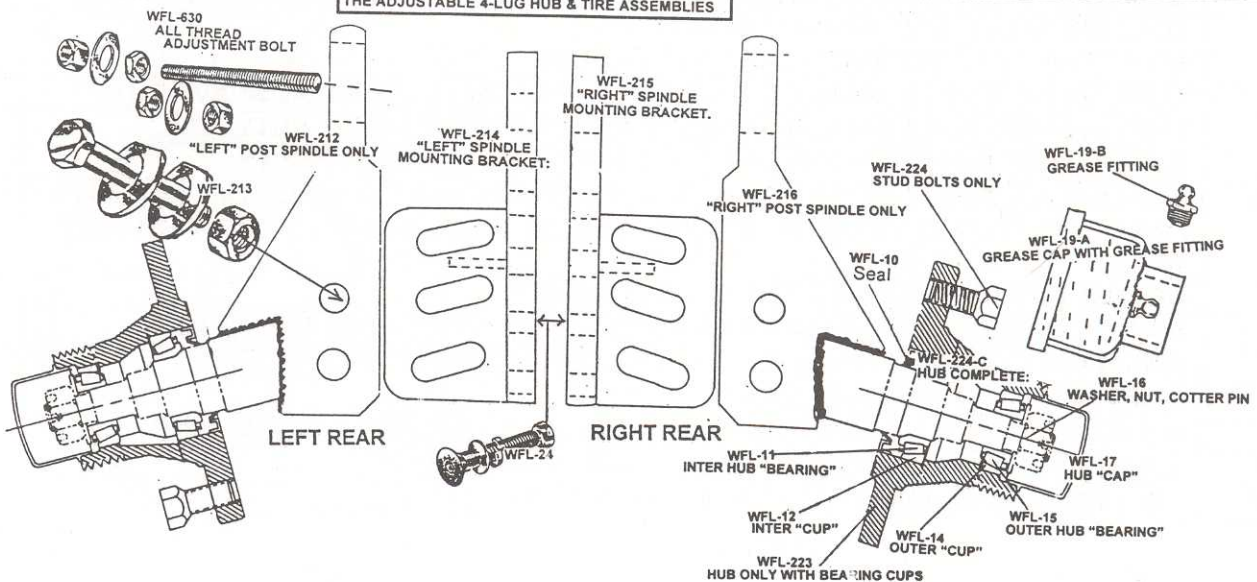
NOT MANUFACTURED SINCE 1980



SEMI-AUTOMATIC

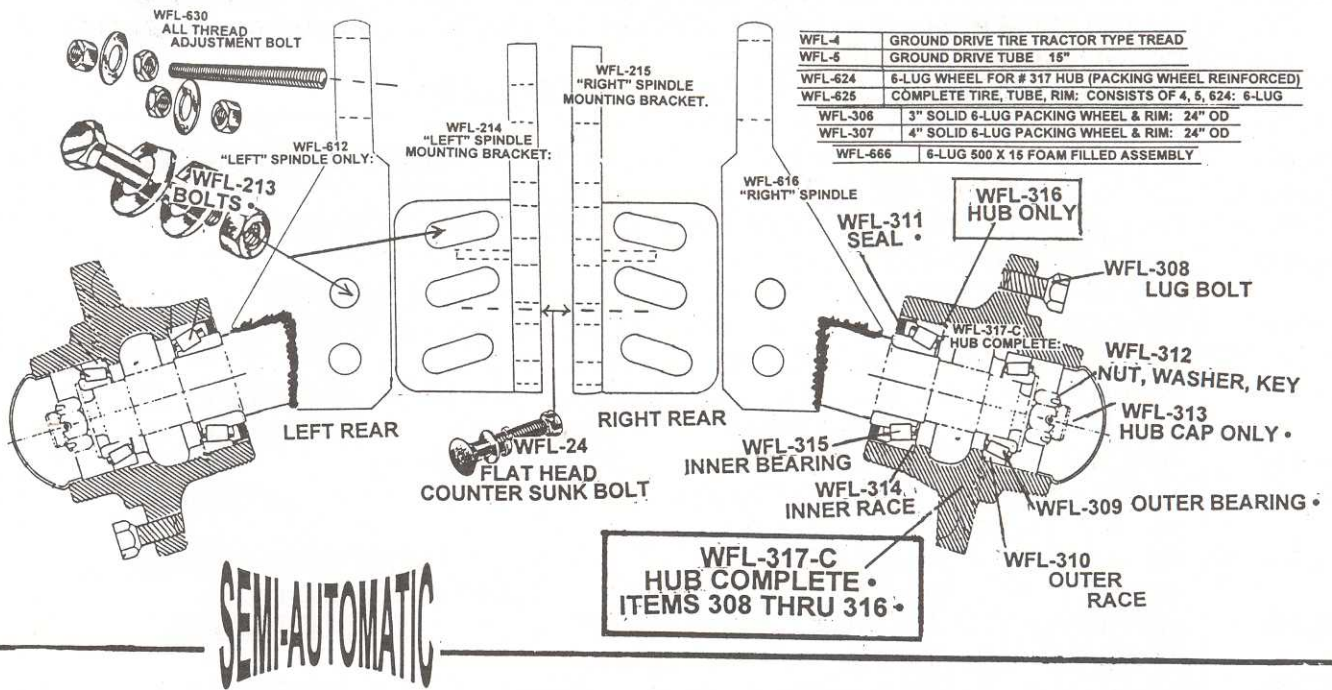
WFL-18 — "HUB COMPLETE" • CONSISTS OF 10, 11, 12, 14, 15, 16, 19A & 20:
FOR SPINDLES # 21 & # 22 ONLY (FOR BELT DRIVE SYSTEM) • NO STUD THREADS
WFL-20 — HUB ONLY WITH BEARING RACES • 4-LUG • FOR BELT DRIVE • NO STUD THREADS

PLANTERS THAT HAVE BEEN CHANGED OVER FROM BELT DRIVE TO DIRECT DRIVE USING THE ADJUSTABLE 4-LUG HUB & TIRE ASSEMBLIES

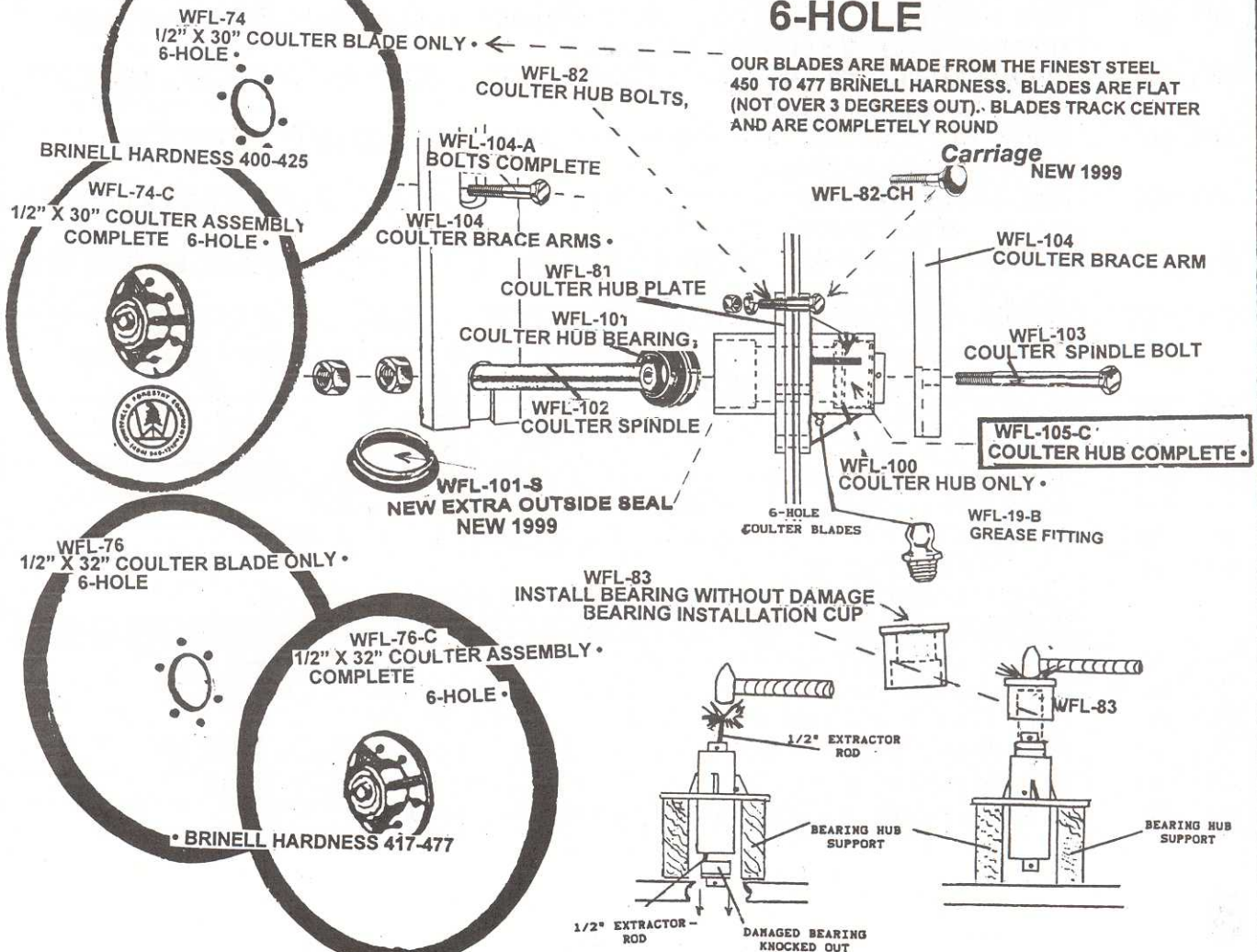


REPAIR PARTS FOR FORESTLAND TRANSPLANTERS		
PART#	DESCRIPTION	NO. REQ
WFL-49	PACKER WHEEL BELT • ROUND ENDLESS	2
WFL-50	IDLER PULLEY • FOR BELT DRIVE	2
WFL-51	BOLT COMPLETE FOR # 50 IDLER	2
WFL-52	WIRE TYPE FINGER COMPLETE• LESS ARM	5 OR 6
WFL-53	# 52 COMPLETE WITH # 57 CHAIN ARM	5 OR 6
WFL-54	WIRE SET 1 LEFT & 1 RIGHT (PAIR)	5 OR 6
WFL-55	RUBBER GRIP WITH PIN	5 OR 6
WFL-56	WIRE & RUBBER BARREL	5 OR 6
WFL-56- T	BOTTOM CUP CLAMP	5 OR 6
WFL-57	CHANNEL FINGER ARM• W/WFL-58 BOLTS	5 OR 6
WFL-58	BOLTS COMPLETE FOR # 57 OR # 53	10 OR 12
WFL-59	PRESSURE SPRING • LONG	2
WFL-61	PRESSURE SPRING - SHORT	2
WFL-60	CLAMP BOLT COMPLETE • 1/4" X 1"	5 OR 6
WFL-63	BOLT COMPLETE• 1" X 6-1/2"•GR8	2
WFL-64	BOLT COMPLETE • 1" X 5" • GRADE 8	4 OR 6
WFL-65	OLD TYPE SADDLE ONLY	1
WFL-65-A	NEW SADDLE FOR SPRINGS & BOLTS	1
WFL-66	POINT ONLY • FABRICATED	1
WFL-66-C	CAST STEEL POINT ONLY	1
WFL-66-C-RS	CAST POINT/ROOT SHIELD ON NUMBER SIDE	1
WFL-67	SINGLE ROOT SHIELD POINT	1
WFL-68	DOUBLE ROOT SHIELD POINT	1
WFL-69	CLAY POINT• 1 R/S 2 DOWN DRAFT WINGS	1
WFL-69-D	CLAY POINT W/DBL ROOT SHIELDS & WINGS	1
WFL-69-G	CLAY POINT WITH DOWN DRAFT WINGS ONLY	1
WFL-70	FLEX PIN • FOR ALL POINTS	1
WFL-73	3/8" X 30" COULTER BLADE ONLY 4 HOLE	1
WFL-74	1/2" X 30" COULTER BLADE ONLY 6-HOLE	1
WFL-74-C	1/2" X 30" COULTER ASSEMBLY COMPLETE	1
WFL-76	1/2" X 32" COULTER BLADE ONLY•6-HOLE	1
WFL-76-C	1/2" X 32" COULTER ASSEMBLY COMPLETE	1
WFL-81	COULTER HUB PLATE ONLY	1
WFL-82	COULTER HUB BOLTS, NUTS & LOCKWASHERS	6
WFL-82-CH	NEW 1999 CARRIAGE HEAD BOLT COMPLETE	6
WFL-83	NEW WFL-101 BEARING INSTALLATION CUP	2
WFL-87	TOP LINK PIN • 1" MILD STEEL ONLY	2
WFL-88	TOP LINK BARREL • CENTER SECTION ONLY	1
WFL-89	TOP LINK SCREW•LEFT HAND• 2 HOLES ONLY	1
WFL-90	TOP LINK SCREW•RIGHT HAND• 1 HOLE ONLY	1
WFL-90-A	TOP LINK ASSEMBLY COMPLETE	1
WFL-91	GREASE FITTINGS • STRAIGHT •	2
WFL-95	MAIN BEAM COMPLETE • HI-CARBON STEEL	1
WFL-96	FRONT PIN• 1-15/16"x17"LONG• BULL PIN	1
WFL-97	CAB PIN TO MAIN BEAM• 1-1/2" X 6-1/2"	2
WFL-98	BIG BUSHING • WELDS INTO PIVOT ARMS	2
WFL-100	COULTER HUB ONLY SEALED TYPE 6-LUG	1
WFL-101	COULTER HUB BEARING	2

6-LUG PACKING WHEELS, SPINDLES AND HUBS



COULTERS, HUBS AND RELATED PARTS • 6-HOLE

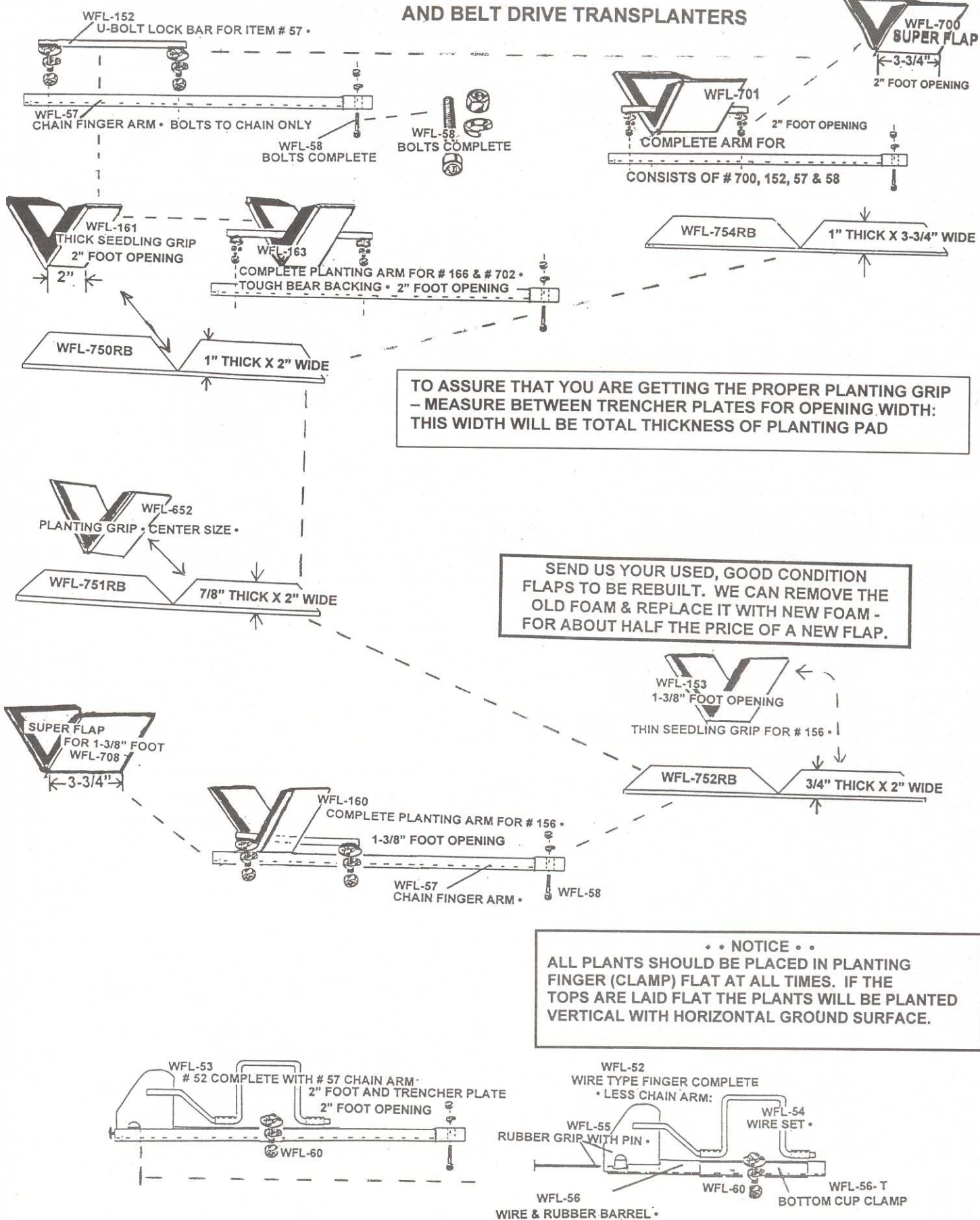


REPAIR PARTS FOR FORESTLAND TRANSPLANTERS		
PART#	DESCRIPTION	NO. REQ
WFL-101-S	NEW EXTRA OUTSIDE SEAL F/WFL-101 BRG.	2
WFL-102	COULTER SPINDLE ONLY • HOLLOW	1
WFL-103	COULTER HUB SPINDLE BOLT ONLY•¾" X 11"	1
WFL-104	COULTER BRACE ARMS • 1" X 4"	2
WFL-104-A	BOLTS COMPLETE FOR # 104 ARMS	4
WFL-105-C	COULTER HUB COMPLETE	1
WFL-112	REPLACEMENT SHIELD FOR FOOT •	1 SET
WFL-120	OUTSIDE MUD SCRAPER FOR WHEELS R OR L	2
WFL-121	SPRING BOLT • 13" LONG	2
WFL-127	THREE POINT HITCH ADAPTER	1
WFL-132	PULL PIN - LIFT ARM PIN•1-1/8"	2
WFL-133	FOOT EXTENSION	1
WFL-138	REPLACEMENT BUSHING FOR #WFL-97 PIN	2
WFL-141	REPLACEMENT POINT SHANK F/#166 OR 156	1
WFL-152	U-BOLT LOCK BAR FOR# 57•(1983)GRADE 8	5 OR 6
WFL-153	THIN SEEDLING GRIP FOR # 156	5 OR 6
WFL-156	1-3/8"PLANTING FT•NO LONGER AVAILABLE	1
WFL-157	TRENCHER PLATES AND GUIDES •SET	1
WFL-160	COMPLETE PLANTING ARM FOR # 156	5 OR 6
WFL-161	THICK SEEDLING GRIP	5 OR 6
WFL-163	COMPLETE PLANTING ARM FOR #166 ʾ	5 OR 6
WFL-166	WIDE 2" FOOT AND TRENCHER PLATE ASSY.	2
WFL-170	5" ADJUSTABLE PULLEY	2
WFL-171	4" ADJUSTABLE PULLEY	2
WFL-181	HORN BUTTON • HAND OPERATED • COMPLETE	1
WFL-186	GEAR BOX • 4896 GEARS • COMPLETE	1
WFL-187	96-TOOTH GEAR FOR # 190 SHAFT	1
WFL-188	ONE CAN GEAR LUBE <u>SPRAY LUBRICANT FOR ONE SECOND AFTER EVERY 48 HRS. USE SPRAY INSIDE GEAR BOX ONLY – NOT MEANT FOR USE ON CHAIN LINKS</u>	1
WFL-189	TWO-BOLT FLANGE BEARING FOR GEAR BOX	5
WFL-189-B	C/BOLT•3/8"X1-3/4"•L/W,F/W & NUT	2
WFL-190	SHORT DRIVE GEAR SHAFT • 1" X 12"	1
WFL-191	MAIN WHEEL SHAFT DRIVE WHEEL ASSY.	1
WFL-193	48-TOOTH DRIVE GEAR FOR # 191 SHAFT	1
WFL-197	BEARING MOUNT BRACKETS FOR # 191	2

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PLANTING ARMS AND PLANTING GRIPS FOR DIRECT DRIVE SEMI-AUTOMATIC TRANSPLANTERS

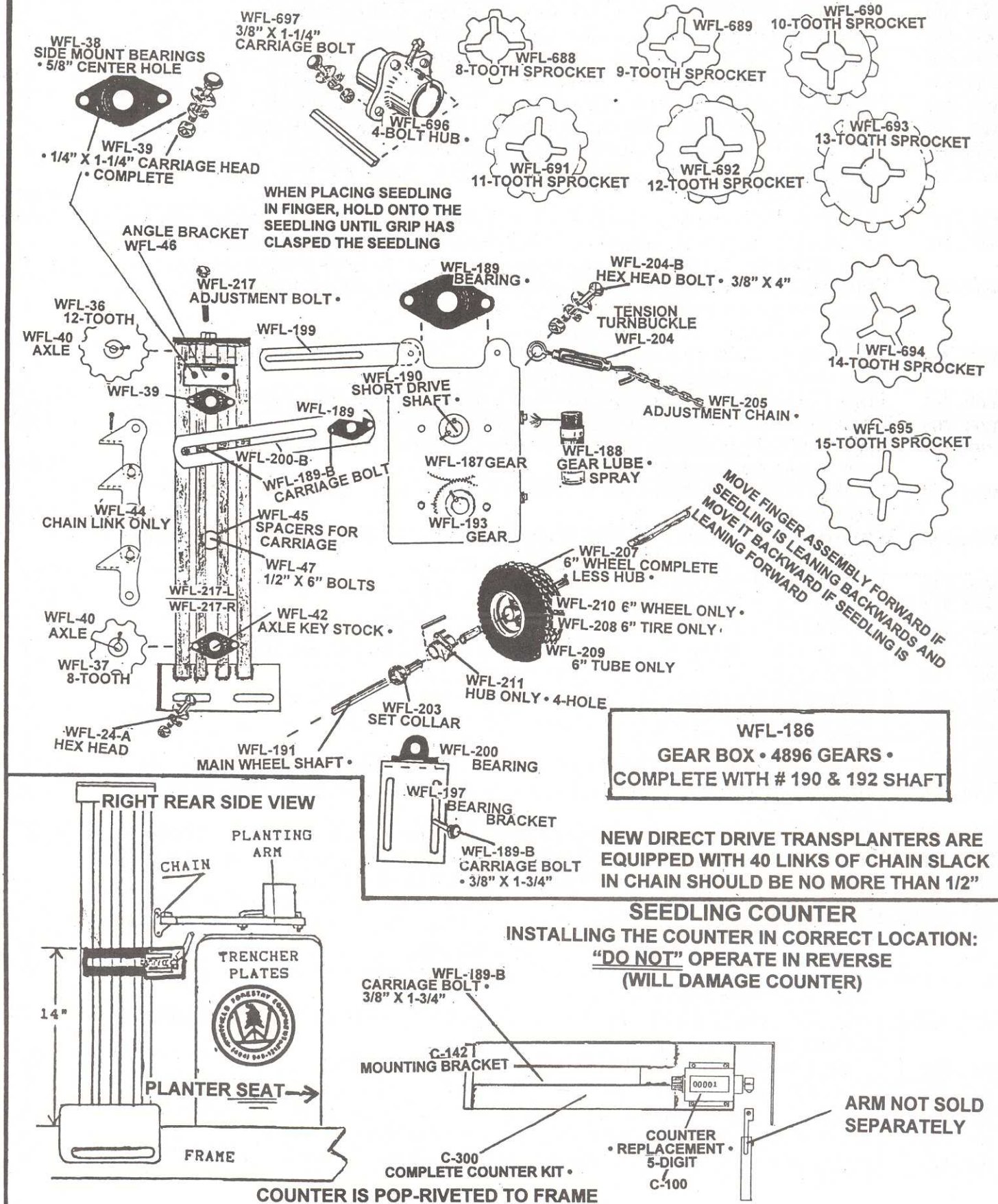
AND BELT DRIVE TRANSPLANTERS



• • NOTICE • •
ALL PLANTS SHOULD BE PLACED IN PLANTING
FINGER (CLAMP) FLAT AT ALL TIMES. IF THE
TOPS ARE LAID FLAT THE PLANTS WILL BE PLANTED
VERTICAL WITH HORIZONTAL GROUND SURFACE.

REPAIR PARTS FOR FORESTLAND TRANSPLANTERS		
PART#	DESCRIPTION	NO. REQ
WFL-199	SLIDE MOUNT BRACKET ARM	1
WFL-200	BEARING FOR # 191 SHAFT • PILLOW BLOCK	4
WFL-200-B	STABILIZER BRACKET • SHORT SHAFT END	1
WFL-203	SET COLLAR COMPLETE FOR # 191	4
WFL-204	TENSION TURNBUCKLE	1
WFL-204-B	HEX HEAD BOLT • 3/8" X 4" COMPLETE	2
WFL-205	ADJUSTMENT CHAIN • 14" LONG	1
WFL-207	6" WHEEL COMPLETE ASSEMBLY • LESS HUB	2
WFL-208	6" TIRE ONLY 4.10-3.50 X 6 FOR WHEEL	2
WFL-209	6" TUBE ONLY	2
WFL-210	6"WHEEL ONLY•4-HOLE F/GEAR BOX PLANTER	2
WFL-211	HUB ONLY 4-HOLE FOR #WFL-207 ASSEMBLY	2
WFL-212	"LEFT" POST SPINDLE ONLY FOR # 224-C	1
WFL-213	SPINDLE BOLTS • GRADE 8 COMPLETE	4
WFL-214	"LEFT" SPINDLE MOUNTING BRACKET	1
WFL-215	"RIGHT" SPINDLE MOUNTING BRACKET	1
WFL-216	"RIGHT" POST SPINDLE ONLY	1
WFL-217	ADJUSTMENT BOLT	2
WFL-217-L	LEFT HAND SIDE CARRIAGE ONLY•	1
WFL-217-R	RIGHT HAND SIDE CARRIAGE ONLY	1
WFL-223	HUB ONLY WITH BEARING CUPS	2
WFL-224	STUD BOLTS ONLY FOR # 223 HUB	8
WFL-224-C	HUB COMPLETE	2
WFL-225	BUSHING ONLY	2
WFL-226	SIDE WALL PADDING•2"X8"X17"•W/SCREWS	2
WFL-227	BACK WALL PADDING•2"X18"X18"•W/SCREWS	1
WFL-306	3"SOLID 6-LUG PACKING WHEEL& RIM 24"OD	2
WFL-307	4"SOLID 6-LUG PACKING WHEEL& RIM 24"OD	2
WFL-308	LUG BOLT FOR 6-LUG HUBS	12
WFL-309	OUTER BRG•6-LUG HUB	2
WFL-310	RACE FOR OUTER BRG	2
WFL-311	INNER SEAL	2
WFL-312	NUT, WASHER, KEY FOR 612 & 616 SPINDLE	2
WFL-313	HUB CAP ONLY•DRIVE IN TYPE• 6 LUG HUB	2
WFL-314	INNER RACE FOR INSIDE BEARINGS	2
WFL-315	INNER BEARING FOR SPINDLES	2
WFL-316	HUB ONLY W/#314 AND # 310 • 6-LUG HUB	2
WFL-317-C	HUB COMPLETE • ITEMS 308 THRU 316	2
WFL-612	"LEFT" SPINDLE ONLY •PACKING• 6-LUG	1
WFL-616	"RIGHT" SPINDLE ONLY•PACKING • 6-LUG	1
WFL-624	6-LUG WHEEL FOR # 317 HUB)	2
WFL-625	COMPLETE TIRE, TUBE, RIM	2
WFL-630	5/8" CARRIAGE HEAD ADJ BOLT COMPLETE	2
WFL-652	PLANTING GRIP • CENTER SIZE	5 OR 6
WFL-665	4-LUG 500 X 15 FOAM FILLED ASSEMBLY	2
WFL-666	6-LUG 500 X 15 FOAM FILLED ASSEMBLY	2
WFL-688	8-TOOTH SPROCKET FOR 4-LUG HUB•1"BORE	1
WFL-689	9-TOOTH SPROCKET FOR 4-LUG HUB•1" BORE	1

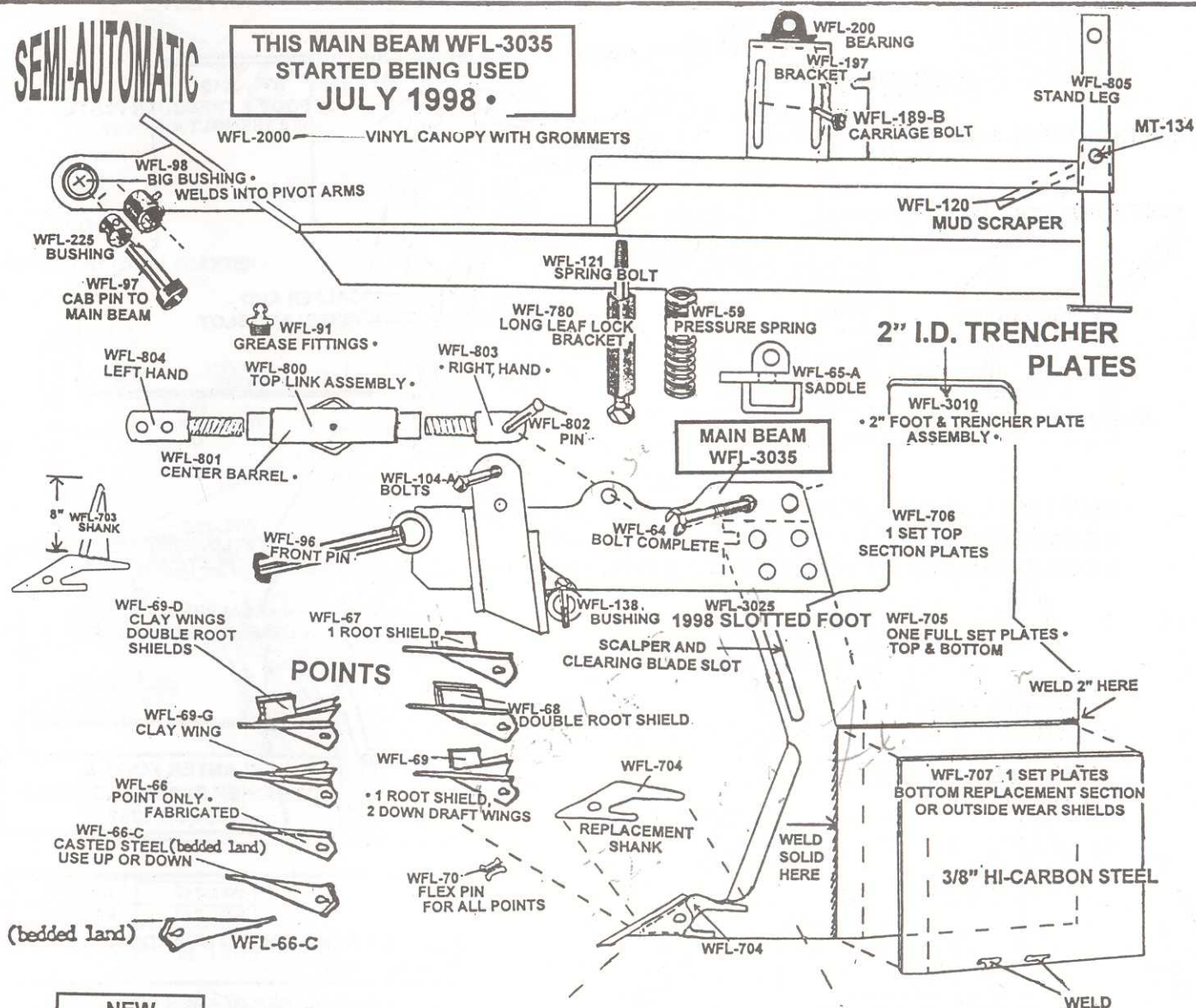
DIRECT DRIVE AND RELATED PARTS SEMI-AUTOMATIC



REPAIR PARTS FOR FORESTLAND TRANSPLANTERS		
PART#	DESCRIPTION	NO. REQ
WFL-690	10-TOOTH SPROCKET FOR 4-LUG HUB•1"BORE	1
WFL-691	11-TOOTH SPROCKET FOR 4-LUG HUB•1"BORE	1
WFL-692	12-TOOTH SPROCKET FOR 4-LUG HUB•1"BORE	1
WFL-693	13-TOOTH SPROCKET FOR 4-LUG HUB•1"BORE	1
WFL-694	14-TOOTH SPROCKET FOR 4-LUG HUB•1"BORE	1
WFL-695	15-TOOTH SPROCKET FOR 4-LUG HUB•1"BORE	1
WFL-696	4-BOLT HUB•1"BORE F/QUICK CH SPROCKETS	1
WFL-697	3/8" X 1-1/4" CARRIAGE BOLT COMPLETE	4
WFL-700	SUPER FLAP 4"X8"X1" THICK	5 OR ?
WFL-701	COMPLETE ARM (LONG LEAF&OTHER PLANTS)	5 OR ?
WFL-702	2" I.D. FOOT AND TRENCHER PLATE ASSY.	1
WFL-703	SHANK (POINT RECEIVER) REPLACEMENT	1
WFL-704	REPLACEMENT SHANK TO SLOTTED FOOT	1
WFL-705	SET OF HI-CARBON 3/8" THICK TR PLATES	1 SET
WFL-706	SET R & L TOP SECTION TRENCHER PLATES WITH (2) 3/4" X 2" FLATBAR PCS.	1 SET
WFL-707	WEAR PLATES•3/8" HI-CARBON STEEL•1 EA. - WITH 3/4" X 2" FLATBAR PCS.	1 OR 2
WFL-708	SUPER FLAP•3-3/4"X8"X3/4" 1-3/8" FOOT	5 OR ?
WFL-710	DEPTH GAUGE SKIDS F/1993 MODELS & LATER	1 SET
WFL-711	RIGHT SKID WITH BOLTS · NOT SHOWN	1
WFL-712	BOLTS COMPLETE • 1/2" X 3" • GRADE 8	2 OR 4
WFL-713	LEFT SKID WITH BOLTS · SHOWN	1
WFL-716	3/4" GRADE 8 MOUNTING BOLTS	2
WFL-719	1/2" GR 8 PLOW BOLTS COMPLETE F/#715	4
WFL-720	LEFT BLADE WITH BOLTS • CARBON STEEL	1
WFL-721	RIGHT BLADE WITH BOLTS • CARBON STEEL	1
WFL-728	LEFT SCALPER BLADE • 30" WITH BOLTS	1
WFL-729	RIGHT SCALPER BLADE • 30" WITH BOLTS	1
WFL-735	SET ROCK/DEBRIS CLEANING BLADES/BRACKETS	1 SET
WFL-736	LEFT HAND SHANK ARM AND BLADE BRACKET	1
WFL-737	RIGHT HAND SHANK ARM AND BLADE BRACKET	1
WFL-738	CARBON BLADE • 1/2" • WITH BOLTS	2
WFL-750RB	REPLACE FOAM ON WFL-161 PAD	?
WFL-751RB	REPLACE FOAM ON WFL-652 PAD	?
WFL-752RB	REPLACE FOAM ON WFL-153 PAD	?
WFL-754RB	REPLACE FOAM ON WFL-700 PAD	?
WFL-780	LONG LEAF LOCK BRACKET	2
WFL-800	TOP LINK ASSEMBLY • COMPLETE	1
WFL-801	CENTER BARREL 13-3/4" LONG • PLANTER	1
WFL-802	1-1/4" TOP LINK PINS W/SNAP RING PINS	2
WFL-803	TOP LINK SCREW END RIGHT HAND • 1-HOLE	1

SEMI-AUTOMATIC

THIS MAIN BEAM WFL-3035
STARTED BEING USED
JULY 1998 •

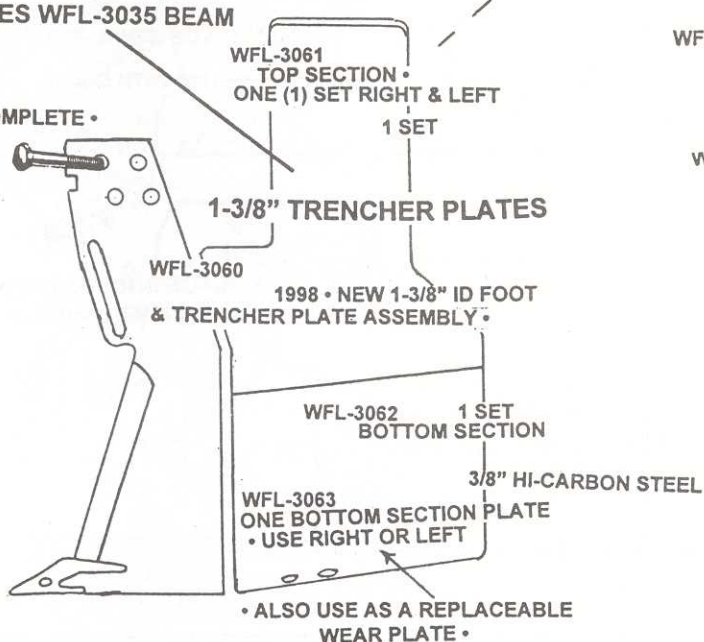


NEW
JULY, 1998

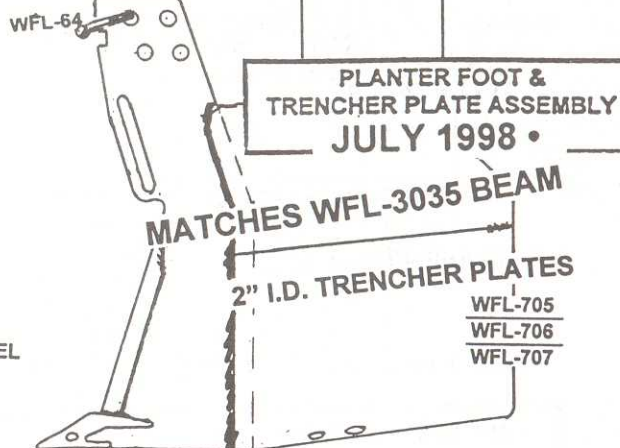
WFL-2000 — VINYL CANOPY WITH GROMMETS • FOR MODEL FL-86 PLANTER

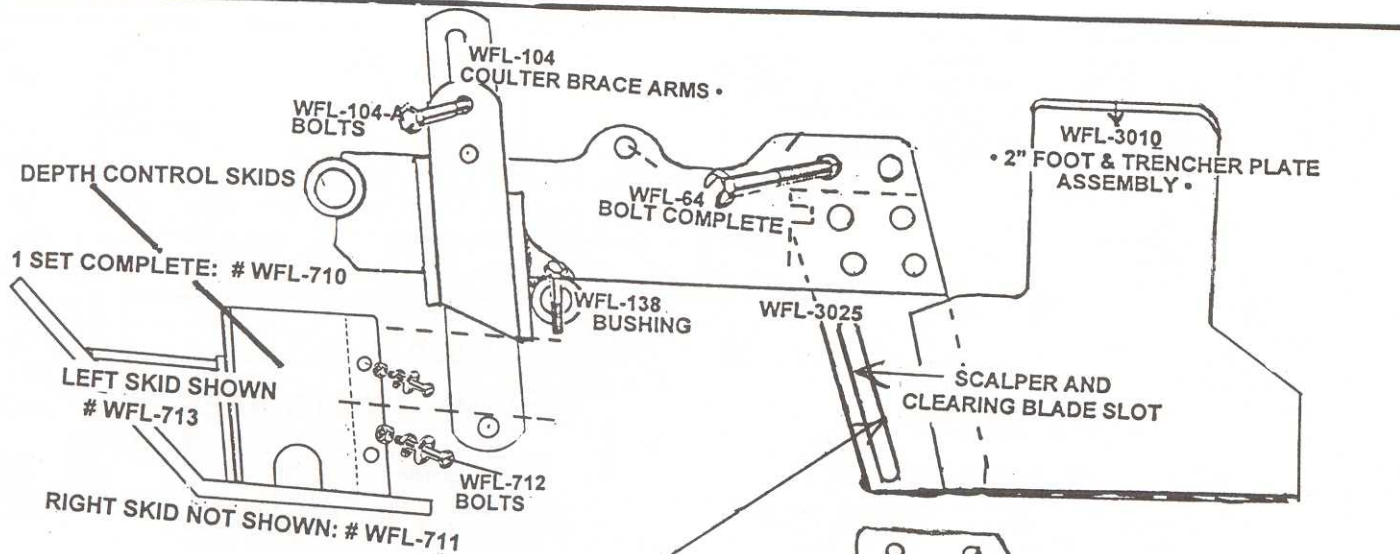
MATCHES WFL-3035 BEAM

WFL-64 BOLT COMPLETE •

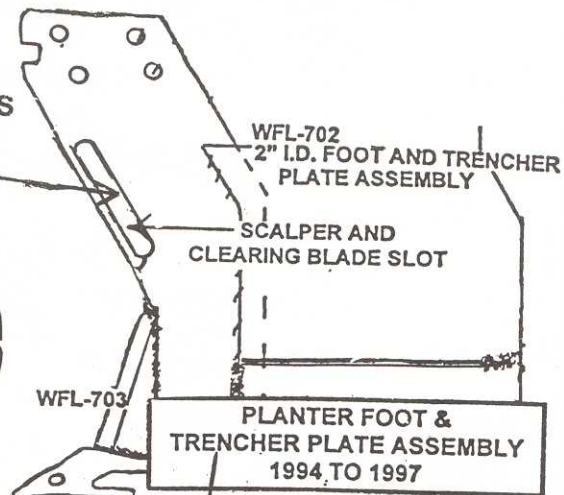
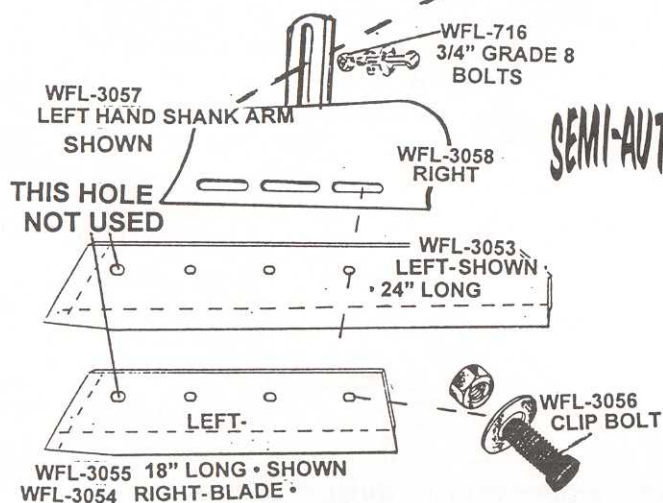


WFL-702 2" I.D. FOOT AND TRENCHER PLATE ASSEMBLY COMPLETE WITH POINT •





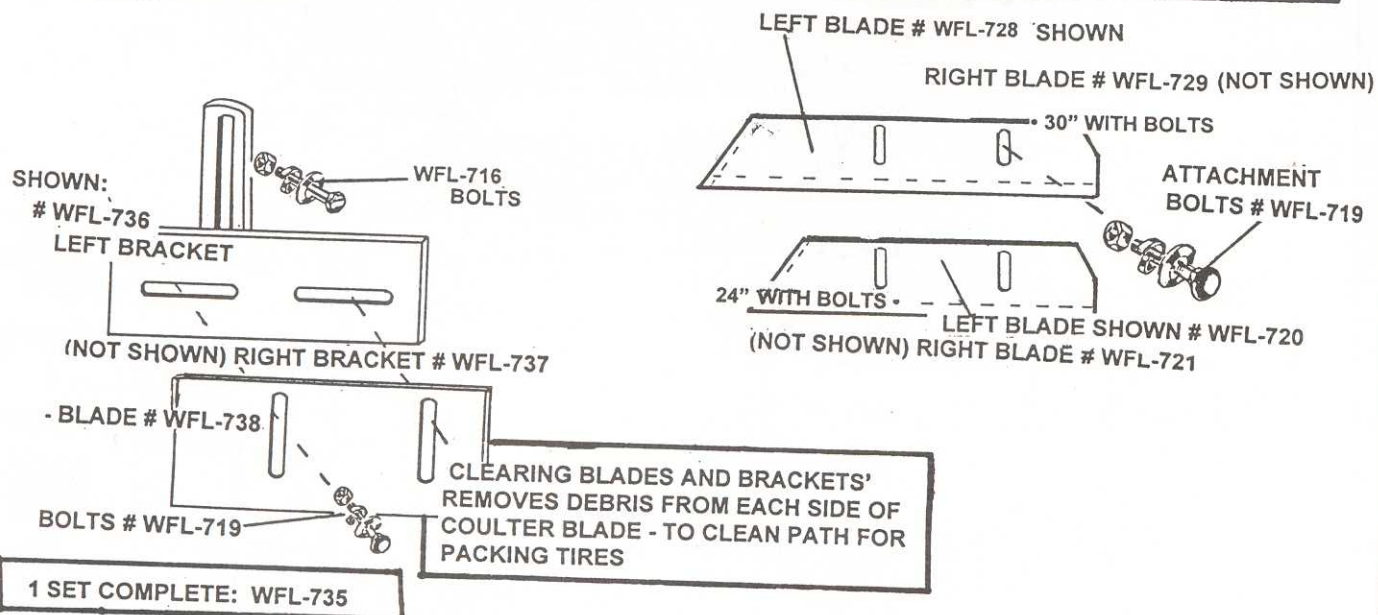
NEW 1998 SOD SCALPERS - CASE HARDENED BLADES
 1 COMPLETE SET WITH 24" BLADE: # WFL-3050
 1 COMPLETE SET WITH 18" BLADE: # WFL-3051



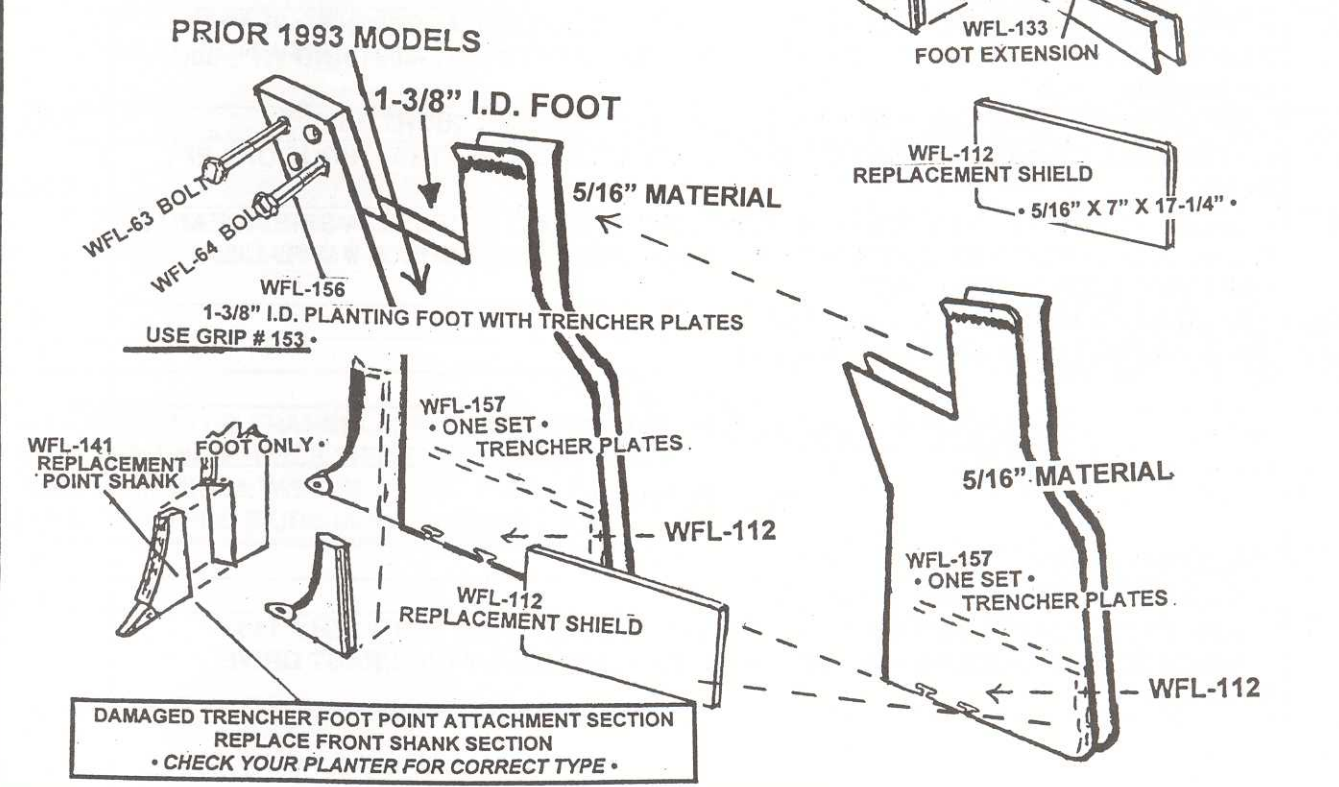
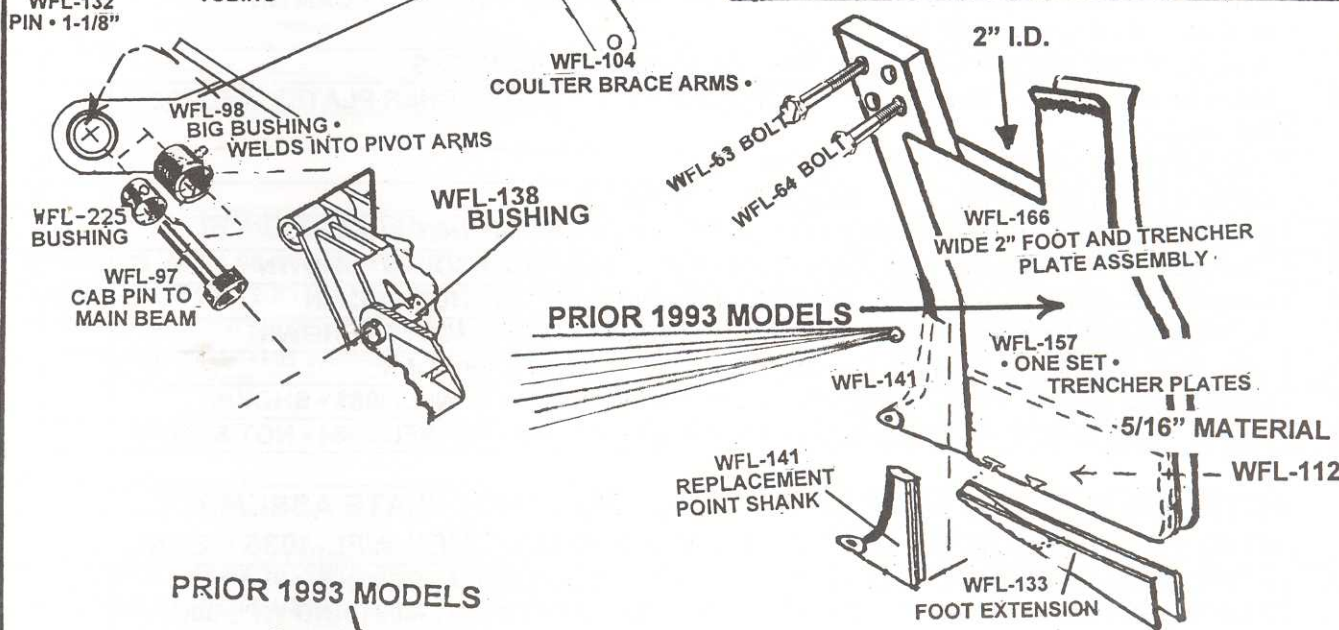
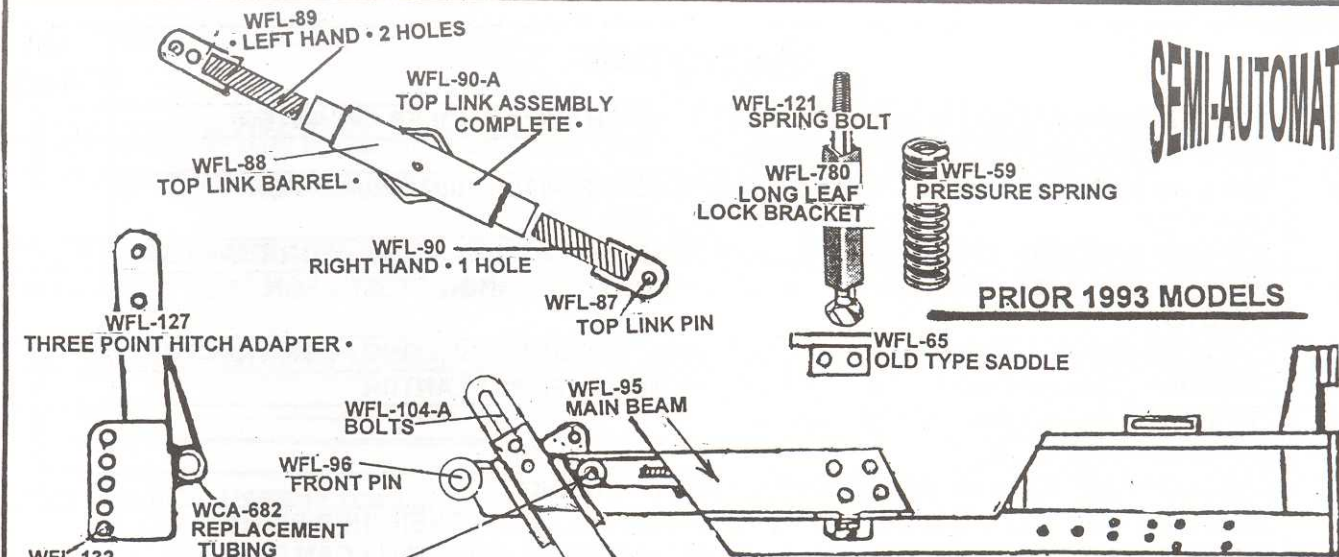
WFL-717	WFL-726
WFL-718	WFL-727

SHANK ARMS & MOLD BOARDS NO LONGER AVAILABLE

SOD SCALPER BLADES PRIOR 1998



SEMI-AUTOMATIC



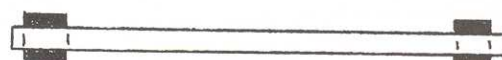
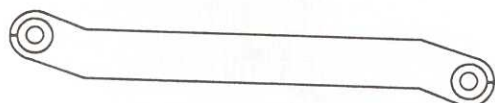
REPAIR PARTS FOR FORESTLAND TRANSPLANTERS		
PART#	DESCRIPTION	NO. REQ
WFL-804	TOP LINK SCREW END LEFT HAND• 2-HOLES	1
WFL-805	PLANTER STAND LEG • 2" X 2" SQUARE	2
WFL-1000	TOP LINK ASSEMBLY COMPLETE	1
WFL-1001	TOP LINK END W/BALL•LEFT HAND THREAD	1
WFL-1002	TOP LINK END W/BALL•RIGHT HAND THREAD	1
WFL-1003	CENTER BARREL W/R & L THREADS•13"LONG	1
WFL-2000	NEW VINYL CANOPY WITH GROMMETS	1
WFL-3000	SET HEAVY DUTY TRACTOR LIFT ARMS	1
WFL-3001	LIFT ARM • ONE ONLY	2
WFL-3002	REPLACEMENT BALL•1-1/8" W/HOUSING	4
WFL-3010	2" FOOT & TRENCHER PLATE ASSEMBLY	1
WFL-3025	1998 SLOTTED FOOT	1
WFL-3035	MAIN BEAM ONLY • COMPLETE	1
WFL-3050	ONE SET SOD SCALPERS• 24" • COMPLETE	1
WFL-3051	ONE SET SOD SCALPERS•18" •COMPLETE	1
WFL-3052	ONE RIGHT-HAND BLADE ONLY • 24" LONG	1
WFL-3053	ONE LEFT-HAND BLADE ONLY• 24" LONG	1
WFL-3054	ONE RIGHT-HAND BLADE ONLY • 18" LONG	1
WFL-3055	ONE LEFT-HAND BLADE ONLY • 18" LONG	1
WFL-3056	7/16" X 1-1/4" CLIP BOLT COMPLETE	6
WFL-3057	LEFT HAND SHANK ARM	1
WFL-3058	RIGHT HAND SHANK ARM	1
WFL-3060	1-3/8" ID FOOT & TRENCHER PLATE ASSY.	1
WFL-3061	TOP SECTION• 3/8" TR.PLATES SET R & L	1 SET
WFL-3062	BOTTOM SECTION 3/8" HI-CARBON STEEL	1 SET
WFL-3063	ONE BOTTOM SECTION PLATE	1
WFL-BB-100	BRACE BAR · USES 1" TOP LINK PINS	1
WFL-BB-200	BRACE BAR · USES 1-1/4" TOP LINK PINS	1
WFL-4000	COMPLETE SPRING ASSEMBLY FOR GEARBOX	1
WFL-4001	SET OF THREE (3) CHAIN LINKS	1
WFL-4002	TENSION SPRING ONLY	1
WFL-4003	SET OF TEN (10) CHAIN LINKS	1
WFL-5000	INDUSTRIAL LUG 12 PLY TIRE	2
WFL-5001	SOLID INDUSTRIAL TIRE	2
WFL-5025	1/2" X 34" 6-LUG COULTER BLADE EB 450	1
C-100	COUNTER • REPLACEMENT • 5-DIGIT	1
C-142	STRAIGHT ARM MOUNTING BRACKET	1
C-300	COMPLETE COUNTER KIT	1

PART#	DESCRIPTION	NO. REQ.
REPLACE YOUR SEMI-AUTOMATIC TRANSPLANTER TOP LINK WFL-800 OR WFL-90A WITH THE ALL-NEW <u>BRACE BAR</u> TOP LINK REPLACEMENTS. NO ADJUSTMENTS - JUST INSTALL TO REPLACE TOP LINKS		
WFL-BB-100	USES 1" TOP LINK PINS • 26" CENTERS • ATTACHMENT TUBING LENGTH 1-7/8" LONG	1
WFL-BB-200	USES 1-1/4" TOP LINK PINS • 26" CENTERS • ATTACHMENT TUBING LENGTH 1-7/8" LONG	1

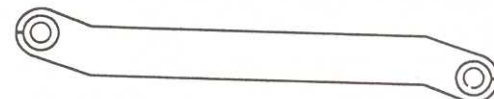
PLEASE SPECIFY PIN SIZE BEING USED WHEN ORDERING USE IN ALL TYPES PLANTING



WFL-BB-100 USES 1" TOP LINK PINS



WFL-BB-200 USES 1-1/4" TOP LINK PINS



USING SEMI-AUTOMATIC SOD SCALPERS ON PASTURES AND FIELDS.

PLANTERS WITH SLOTTED TRENCHER FOOT ONLY. WFL-59 SPRINGS MUST BE USED "UNDER SEAT". LEAVE SPRINGS LOOSE - EXTENDING NUTS AND LOCKNUTS TO TOP OF WFL-121 SPRING BOLTS. SOME TRACTOR WEIGHTS MAY HAVE TO BE ADDED ON REAR SECTION FOR BETTER SOIL COMPACTION. SOD SCALPERS BEING USED ARE THE WFL-3050 OR WFL-3051

WHAT TYPE POINT DO I NEED ???

ROOT SHIELD POINTS

ARE USED IN CUT-OVER AND WILD LAND

PLAIN POINTS

ARE USED IN SANDY FIELDS AND PASTURES

CAST POINTS

HAVE TWO USES: AS PLAIN POINT OR TURNED OVER FOR BEDDED LAND WITH STUMPS AND DEBRIS

CLAY WING POINTS

HAVE TWO USES: USED IN CLAY SOILS TO PULL PLANTER DOWN FOR CULTIVATION AND COMPACTION. USED ALSO IN ALL SOILS FOR BETTER CULTIVATION AROUND ROOT SYSTEMS AND CULTIVATION FOR BETTER GROWTH AND COMPACTION

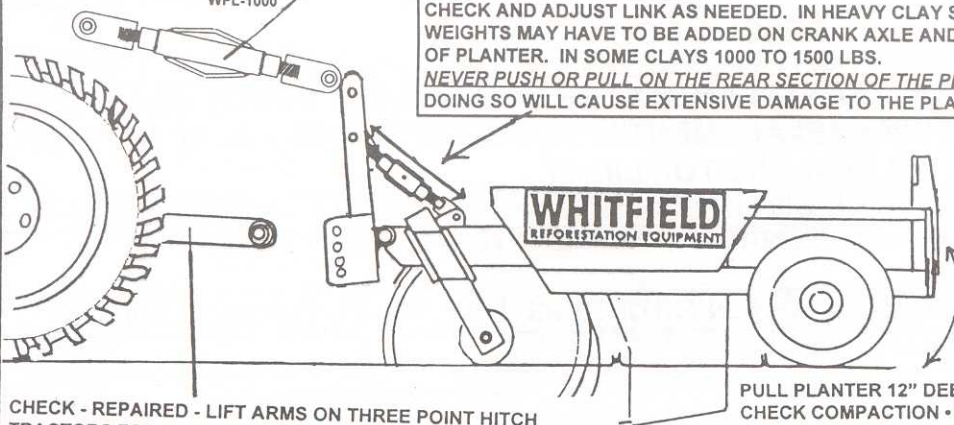
PLANTING ON BEDDED LAND

SEMI-AUTOMATIC TRANSPLANTERS MUST HAVE ITEMS WFL-780 TUBINGS INSTALLED TO REPLACE THE WFL-59 SPRINGS. LOCK WFL-121 SPRING BOLTS DOWN SO THAT CAB PAN DOES NOT MOVE UP AND DOWN FROM MAIN BEAM. WFL-66-C CAST POINT MUST BE INSTALLED UPSIDE DOWN TO PLANT BEDS. WFL-713 DEPTH CONTROL SKIDS MUST ALSO BE USED.

COMPLETE ASSEMBLY:
WFL-1000

COMPACTION OF SEEDLINGS

CHECK AND ADJUST LINK AS NEEDED. IN HEAVY CLAY SOIL, WEIGHTS MAY HAVE TO BE ADDED ON CRANK AXLE AND ON REAR OF PLANTER. IN SOME CLAYS 1000 TO 1500 LBS.
NEVER PUSH OR PULL ON THE REAR SECTION OF THE PLANTER. DOING SO WILL CAUSE EXTENSIVE DAMAGE TO THE PLANTING SECTION.



CHECK - REPAIRED - LIFT ARMS ON THREE POINT HITCH TRACTORS FOR LENGTH.

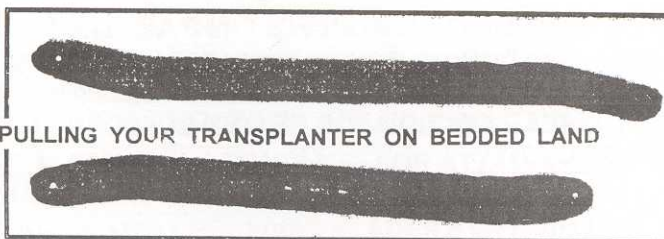
PULL PLANTER 12" DEEP.
CHECK COMPACTION - REPEAT AS NEEDED.

ALL PLANTERS (CRANK AXLE TYPE & THREE POINT HITCH TYPE) SHOULD TRACK IN CENTER OF TRACTOR WHEN BEING USED.

SEMI-AUTOMATIC

WHITFIELD "HEAVY DUTY" TRACTOR LIFT ARMS

ESPECIALLY FOR TRACTORS BEING OPERATED IN EXTREMELY ADVERSE CONDITIONS. DESIGNED TO REPLACE STANDARD ARMS FOR FARM USE, SUBSOILING AND REFORESTATION.



THESE ARMS ARE GREAT FOR PULLING YOUR TRANSPLANTER ON BEDDED LAND

MANUFACTURED OF 1" EB-450
BRINELL HARDNESS STEEL,
FOR 1-1/8" PINS.

(REPLACEABLE END BALLS).

ORDER NOW FOR A TROUBLE FREE PLANTING SEASON

- | | | | | |
|---|-----|----------|--|----------------------|
| 1 | SET | WFL-3000 | LIFT ARMS | SHIPPING WT: 80 LBS. |
| 1 | EA. | WFL-3001 | LIFT ARM | SHIPPING WT: 40 LBS. |
| 1 | EA. | WFL-3002 | REPLACEMENT BALL (1-1/8")
WITH WELDMENT HOUSING | |

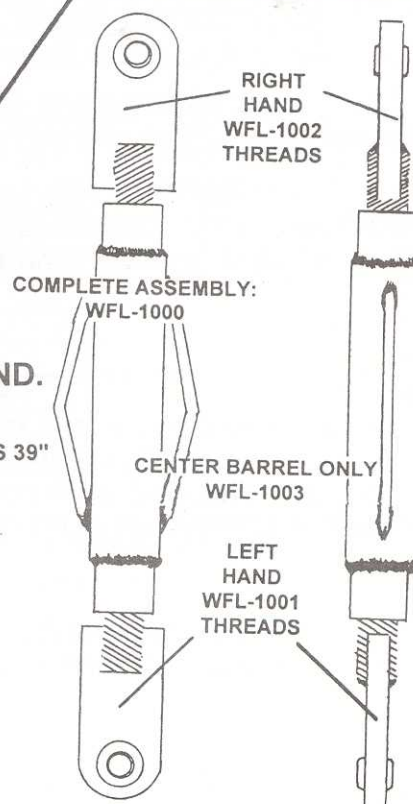
WHITFIELD SUPER DUTY ADJUSTABLE TOP LINK ASSEMBLY

FOR TRACTORS THAT ARE BEING USED UNDER ADVERSE CONDITIONS

TRANSPLANTING SEEDLINGS IN CUT OVER OR BEDDED LAND.

BALL CENTERS CLOSED = 31" - USABLE LENGTH EXTENDED BALL CENTERS 39"

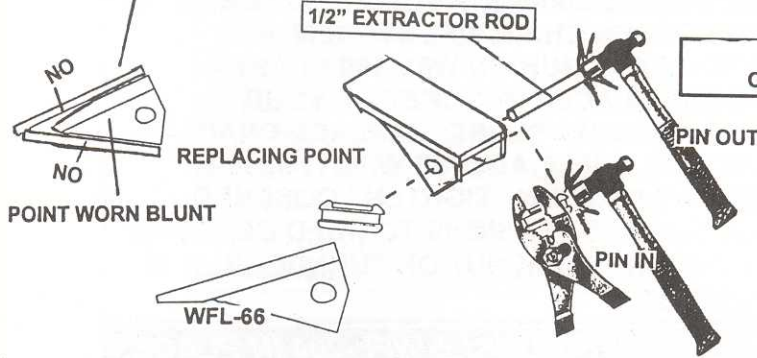
- | | |
|----------|---|
| WFL-1000 | COMPLETE ASSEMBLY: 1" PIN HOLE - CONSISTS OF 1001, 1002 & 1003 |
| WFL-1001 | LEFT HAND THREAD END - HI-CARBON STEEL WITH 1" BALL 1-3/4" THREADS |
| WFL-1002 | RIGHT HAND THREAD END - HI-CARBON STEEL WITH 1" BALL 1-3/4" THREADS |
| WFL-1003 | CENTER BARREL WITH RIGHT AND LEFT HAND THREADS |



TOOLS: 1/2" EXTRACTOR ROD, HAMMER AND PLIERS

EXCESS WELDING OR
ADDING
TO POINT MAKES IT BLUNT

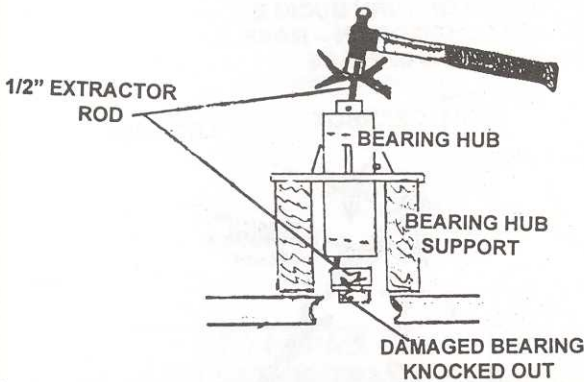
REPLACEMENT STEPS: KNOCK OLD PIN OUT WITH ROD, REPLACE POINT.
WITH PLIERS DEPRESS PIN CLOSE TO THE END. PLACE IN HOLE OF NEW
POINT. HIT SOLID WITH HAMMER TO DRIVE PIN IN.



FLEX PIN MUST BE CHANGED WHEN RUBBER IS DAMAGED
OR SEPARATED • WILL NOT SECURE POINT ANY LONGER

DO NOT USE A POINT THAT IS BLUNT
AS IT WILL NOT PENETRATE THE SOIL

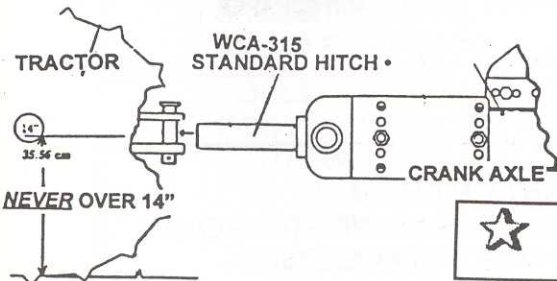
- #1 RELEASE COULTER SPINDLE EITHER MT-66, MT-84 OR WFL-102 (ALLEN SET SCREWS) - KNOCK OUT.
- #2 EXTRACTOR ROD - EXTEND THROUGH BEARING HOLE - AT SIDE WALL OF HUB - KNOCK OLD BEARING OUT - REPEAT OTHER SIDE
- #3 INSTALL NEW BEARINGS **CAUTION** DO NOT HIT SECTION AT SPINDLE SET SCREW SHOULD AS THIS WILL CAUSE DAMAGE TO BEARING - HIT ONLY AT OUTER HUB LIP.



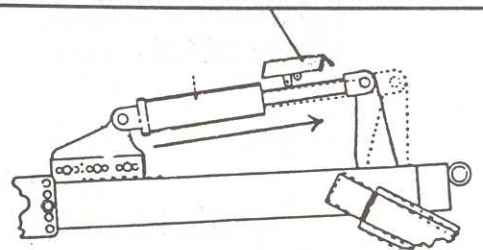
SEMI-AUTOMATIC



ATTACHING PLANTER TO TRACTOR
THIS IS ONE OF THE MOST IMPORTANT THINGS. THE HEIGHT
OF THIS HITCH IS VERY IMPORTANT IN GETTING THE PLANTER
TO PERFORM AT ITS' VERY BEST. **NEVER** OVER 14" ON
CONNECTING CRANK AXLE TO ANY TRACTOR

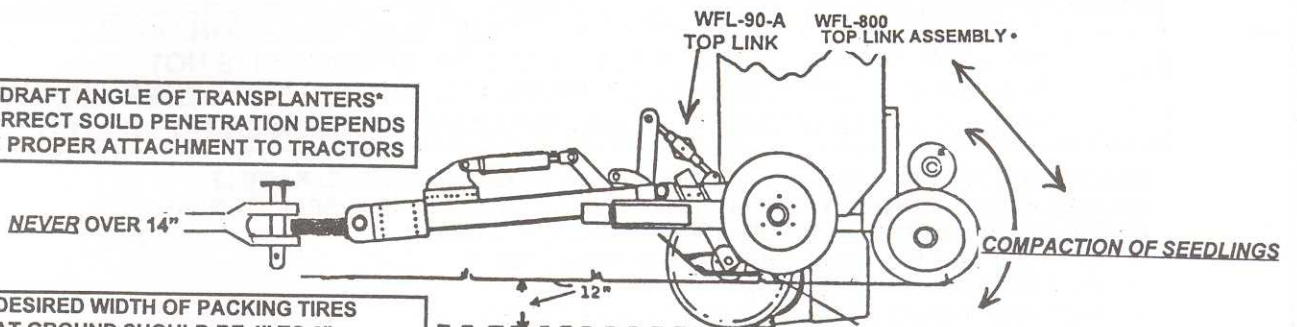


BEFORE USING CRANK AXLES-
REMOVE SAFETY LOCK BAR ON CYLINDER



NOTICE
CRANK AXLE TYPE PLANTERS SHOULD
NEVER BE USED ON BEDDED LAND

DRAFT ANGLE OF TRANSPLANTERS
CORRECT SOILD PENETRATION DEPENDS
ON PROPER ATTACHMENT TO TRACTORS

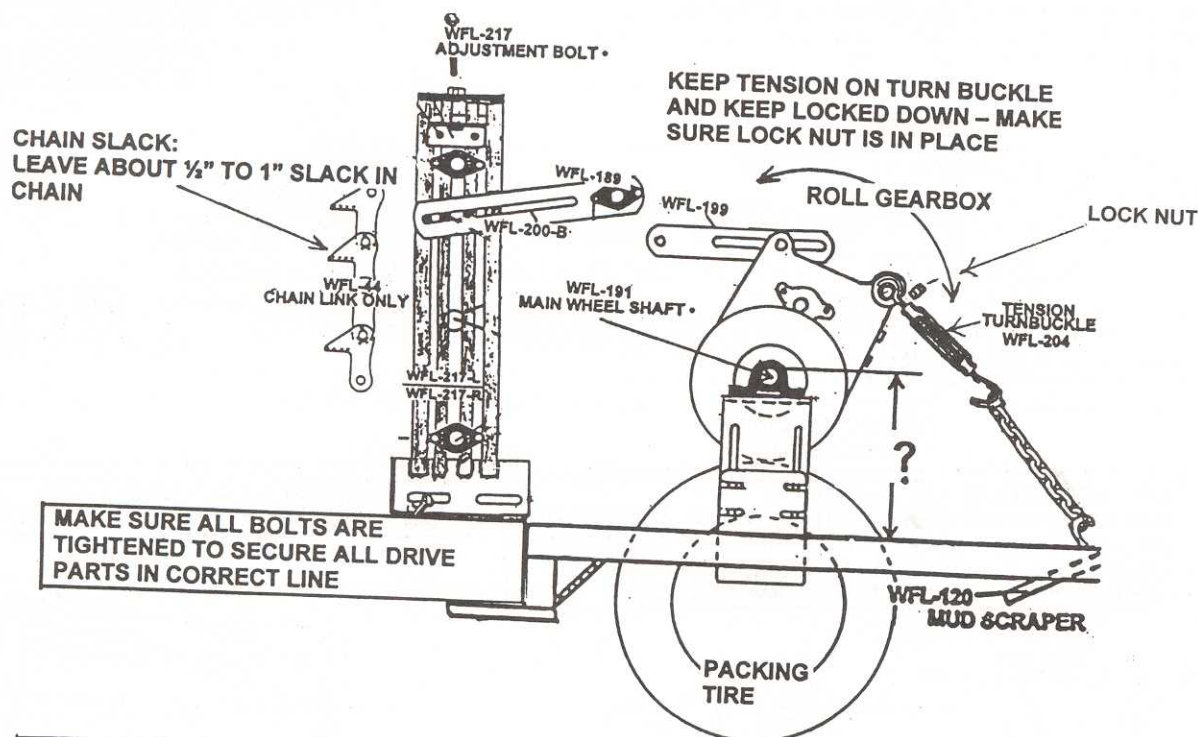


DESIRED WIDTH OF PACKING TIRES
AT GROUND SHOULD BE 4" TO 6"

A:

CHANGING DRIVE SPROCKET: RELEASE TENSION ON TURNBUCKLE. AT FINGER ASSEMBLY LOOSEN BOLT HOLDING WFL-199. SLIDE MOUNT BRACKET ARM; LOOSEN BOLT ON WFL-200-B STABILIZER BRACKET. ROLL GEARBOX FORWARD TO LOOSEN CHAIN WFL-44. REMOVE SPROCKET FROM WFL-696 HUB. LEAVE HUB ON WFL-190 SHAFT. WHILE LEAVING HUB ON SHAFT, REPLACE SPROCKET OF YOUR CHOICE. SPROCKET WILL SELF ALIGN ON SHAFT. REPLACE CHAIN – ROLL BACK ON GEARBOX. THIS WILL SELF ADJUST WFL-199/200-B OUT. LEAVE ABOUT ½" TO 1" PLAY IN CHAIN. TIGHTEN LOOSENED BOLTS. ADJUST TURNBUCKLE TO HAVE TENSIONS TO HOLD GEARBOX IN PLACE. WHEN SATISFIED – SECURE LOCK NUT ON TURNBUCKLE TO ASSURE NO MOVEMENT OF GEARBOX.

DO NOT OPERATE PLANTER WITHOUT TURNBUCKLE WFL-204 IN PLACE. DAMAGE WILL OCCUR



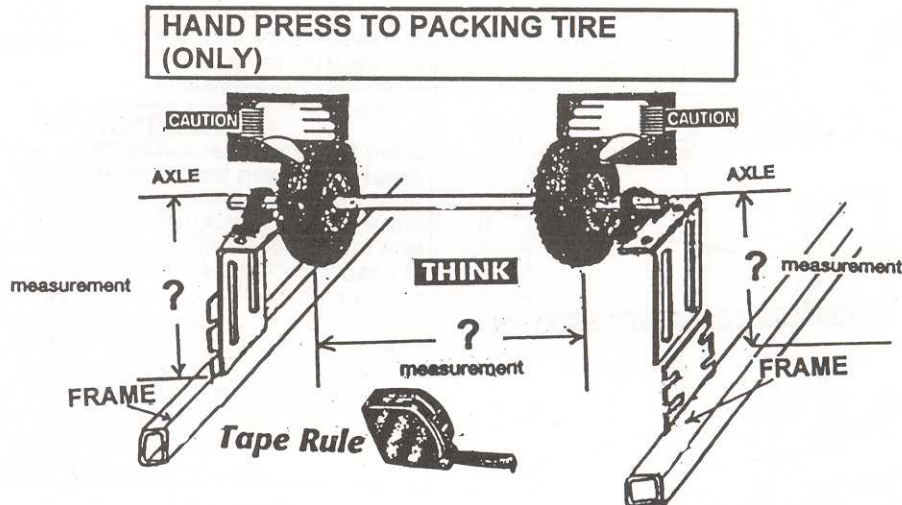
B.	CHAIN & GEARBOX. CHAIN: NEVER PUT ANY KIND OF LUBRICANT ON CHAIN. GEARBOX: REMOVE ONE (1) PLUG FROM BOX. USING WFL-188 GEAR LUBE – SPRAY IN HOLE ABOUT TWO (2) SECONDS ON GEARS. REPLACE PLUG. REPEAT ABOUT ONCE EVERY 25 TO 30 DAYS.
C.	DRIVE TIRES WFL-207 SHOULD BE AT THE SAME LOCATION ON PACKING TIRES – ON BOTH TIRES! IF THIS OPERATION IS NOT ACHIEVED – ONE TIRE WILL BE TRYING TO OUTRUN THE OTHER AND WILL CAUSE DAMAGE TO GEARS, GEARBOX OR MAIN SHAFT WFL-191.

NINETY NINE PERCENT (99%) OF ALL DISASTERS, DAMAGE AND BREAKAGE IS CAUSED WHEN PERSON(S) REPAIRING THE SEMI-AUTOMATIC TRANSPLANTER HAS DONE OR NOT DONE ONE OR MORE OF THE FOLLOWING:

- LEFT OFF BOLTS, CHAIN, PINS AND/OR SET SCREWS
 - NOT USED CORRECT MEASUREMENTS
 - NOT USED CORRECT TOOLS SUCH AS ALLEN WRENCHES
 - AND MOST COMMONLY – LEFT OFF OR LEFT TOO LOOSE THE SEEMINGLY INSIGNIFICANT LITTLE TENSION TURNBUCKLE – OR DID NOT USE OR LEFT OFF THE TENSION TURNBUCKLE LOCK NUT
- CALL US BEFORE YOU START: WE CAN AND WILL HELP

D.

DRIVE TIRE WFL-207 TO PACKING TIRE (TENSION). USING HAND PRESSURE (ONLY) – PUSH DOWN ON WFL-191 MAIN SHAFT ON ONE END. REPEAT IT ON OTHER END. USING A MEASURING TAPE, MEASURE FROM TOP OF REAR FRAME TO TOP OF WFL-191 MAIN SHAFT: BEING SURE THAT BOTH MEASUREMENTS ARE THE SAME FROM TOP OF WFL-191 MAIN SHAFT TO FRAME. MAKE SURE THAT THE WFL-191 IS HORIZONTAL (FLAT LEFT TO RIGHT) $\leftrightarrow$.
CAUTION IF THIS IS NOT FOLLOWED EXACTLY – THE MAIN SHAFT WFL-191 MOST PROBABLY WILL WARP OR BREAK.
 BY USING MORE PRESSURE ON DRIVE TIRES WILL CAUSE MORE FRICTION (DRAG) BETWEEN TIRES AND CAUSE UNDUE WEAR AND DAMAGE TO ENTIRE SYSTEM.

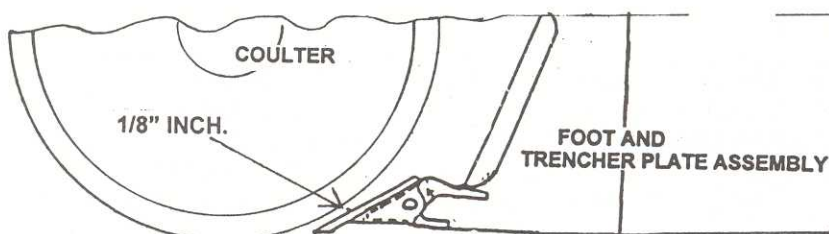


E.

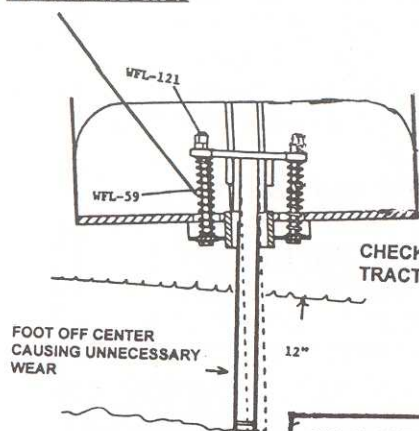
TO REPAIR GEARBOX. THE GEARS INSIDE GEARBOX ARE A MATCHED SET OF TRANSMISSION GEARS. REMOVE PLUGS USING A $\frac{1}{4}$ " RATCHET EXTENSION. REACH THROUGH PLUG HOLES TO LOOSEN $\frac{1}{4}$ " SQUARE SETSCREWS. REMOVE ALL NUTS OFF BEARINGS, PINS & BOLTS. PULL BOX APART. REPLACE ALL SPACER BUSHINGS AFTER REPAIRS HAVE BEEN COMPLETED. REACH THROUGH PLUG HOLES TO TIGHTEN SET SCREWS TO KEYS IN GEARS. REASSEMBLE GEARBOX. MEASURE AXLES FOR PROPER LENGTH.

F.

COULTER TO POINT DISTANCE. IN CUTOVER LAND, DEBRIS SITES & ROOT-LADEN SOILS COULTER EDGE TO POINT SHOULD BE $\frac{1}{8}$ " INCH.
CAUTION WHEN INSTALLING NEW FABRICATED POINTS, THE SMALL CUP THAT HOLDS THE POINT ON SHOULD ALWAYS BE ON THE BOTTOM. ROOT SHIELD POINTS ARE ALWAYS FIN UP. CAST POINTS CAN BE USED TIP UP FOR BEDDED LAND SO AS NOT TO DIG, OR TIP DOWN FOR REGULAR PLANTING – WHICH WILL DIG. ALWAYS USE ROOT SHIELD POINTS IN CUT-OVER OR WILD LAND PLANTING



BROKEN PRESSURE SPRINGS CAUSE EXCESSIVE DAMAGE TO FOOT AND TRENCHER PLATES

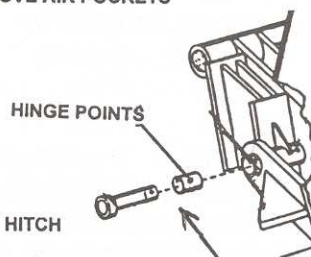


CHECK - REPAIRED - LIFT ARMS ON THREE POINT HITCH TRACTORS FOR LENGTH

ALL PLANTERS (CRANK AXLE TYPE & THREE POINT HITCH TYPE) SHOULD TRACK IN CENTER OF TRACTOR WHEN BEING USED

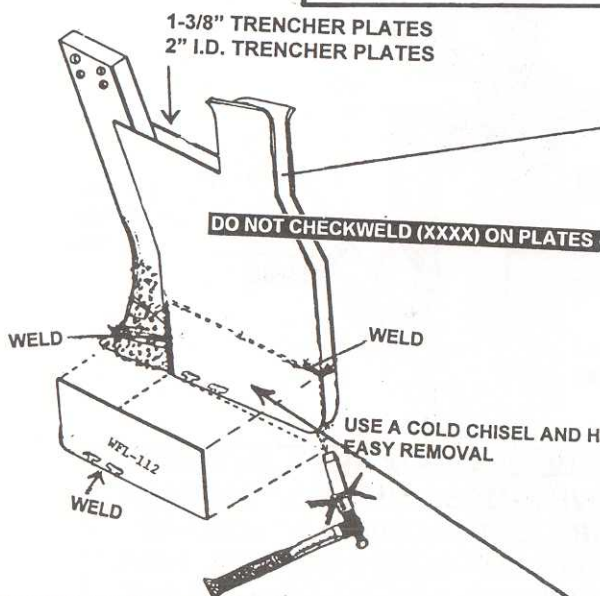
SEMI-AUTOMATIC

PROBLEM: WARPED REAR SECTION - BROKEN SPRINGS WORN BUSHINGS - ONE TIRE PITCHED MORE THAN OTHER. TIRES SHOULD BE ABOUT 3" TO 6" APART AT GROUND PACKING - TO PRESS SOIL TO ROOT SYSTEM AND REMOVE AIR POCKETS



TIRES STRIKING SEEDLINGS WHILE PLANTING WITH A MANUAL OR SEMI-AUTOMATIC PLANTER

1-3/8" TRENCHER PLATES
2" I.D. TRENCHER PLATES



DO NOT WELD SOLID ALL THE WAY AROUND ON FOOT, AS THIS WILL DISTORT THE INSIDE OF THE TRENCHER PLATES AND THIS WILL CAUSE THE FINGER NOT TO PLANT PROPERLY AND CAUSE THE FOOT AND TRENCHER PLATES TO WARP.

AFTER NOTICEABLE WEAR ON TRENCHER PLATES, PLACE STEEL PLATES OVER OUTSIDE OF THE FOOT 1/4" OR 3/16" THICK; WELD AS SHOWN TO REPLACE THESE PLATES

DO NOT CHECKWELD (XXXX) - ON TRENCHER PLATES OR HARD SURFACE THEM. INSTALL AND REPLACE THE ITEMS WFL-112 WEAR PLATES. PLANTER FEET ARE EITHER 2" ID OR 1-3/8" ID: EXCESS WELDING ON SIDES OF PLATES CAUSES DISTORTION TO THE METAL WHEN DOING REPAIRS. CLAMP A HOLDING SPACER 2" OR 1-3/8" BETWEEN PLATES WHILE WELDING TO PREVENT DISTORTION - AS YOUR FOOT REQUIRES.

>>>> CAUTION <<<<

DON'T WARP YOUR PLANTER TRENCHER FOOT: WHEN REPLACING THE TRENCHER PLATES CARE MUST BE TAKEN WHILE WELDING. CUT OFF OLD WELDS AND PLATES: CLEAN (GRIND) UNTIL FLAT. TACK-WELD NEW PLATES IN PLACE; FLAT AND STRAIGHT. USE A 2" SPACER BETWEEN PLATES WHILE WELDING. USE 102 WIRE OR 7018 WELDING ROD. WELD ON PLATES USING A LOW HEAT RANGE - BUT STILL PENETRATING SKIN ON TRANSPLANTER FOOT TO ATTACH PLATES SECURELY. PLEASE DON'T USE A REAL HOT RANGE AS THIS CAUSES WARPAGE. COMPLETE ALL WELDING AT ONE TIME. DON'T LEAVE WITH JUST ONE SIDE WELDED. ALLOW TO COOL TO THE TOUCH ON ITS' OWN. DO NOT COOL WITH WATER.

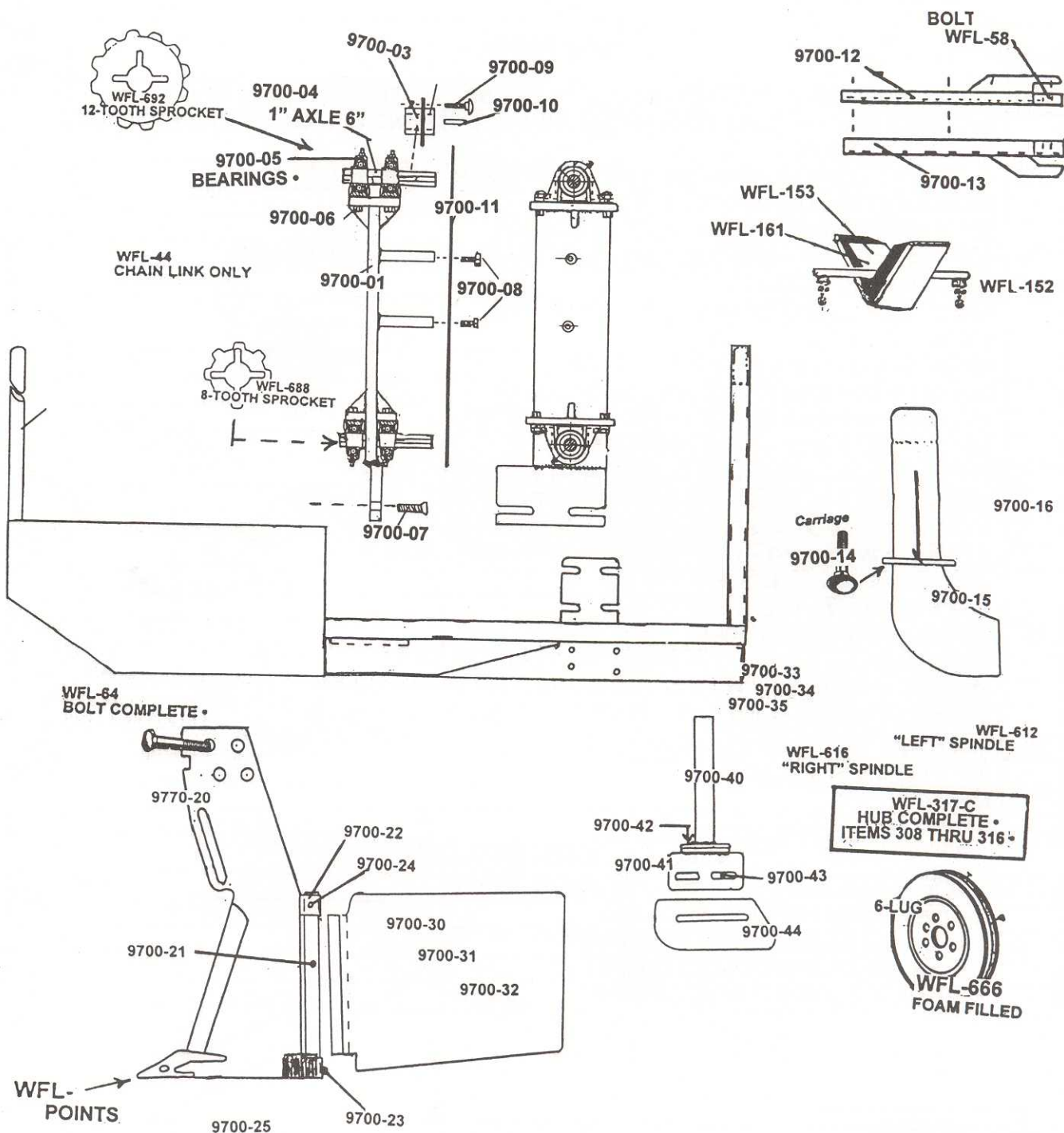
LOSING OR DROPPING SEEDLINGS. CHECK INSIDE TRENCHER PLATES - IF TRENCHER PLATES SPREAD OPEN - PLANTING GRIPS WILL NOT HOLD PLANTS THROUGH PLANTING SYSTEM. TOO MUCH HEAVY WELDING ON PLANTER FOOT AND TRENCHER PLATES CAUSES PLATES TO SPREAD

WELD ONLY AS DIRECTED - DOWN FRONT AND 1" ON TOP REAR. WEAR PLATE 17" LONG 7" TO 15" TALL THICKNESS. CLAY SOILS - 3/16" TO 1/4" - HI-CARBON STEEL. SAND - 1/4" TO 3/8" HI-CARBON STEEL. USING A GRINDER, CUT WELDS TO REPLACE PLATES. USING A HAMMER AND CHISEL FOR EASY REMOVAL.

WHEN WELDING ON FRONT OF FOOT, USE A COLD WELD WITH 7018 LH ROD. SPOT THE WELD ON AS SHOWN.

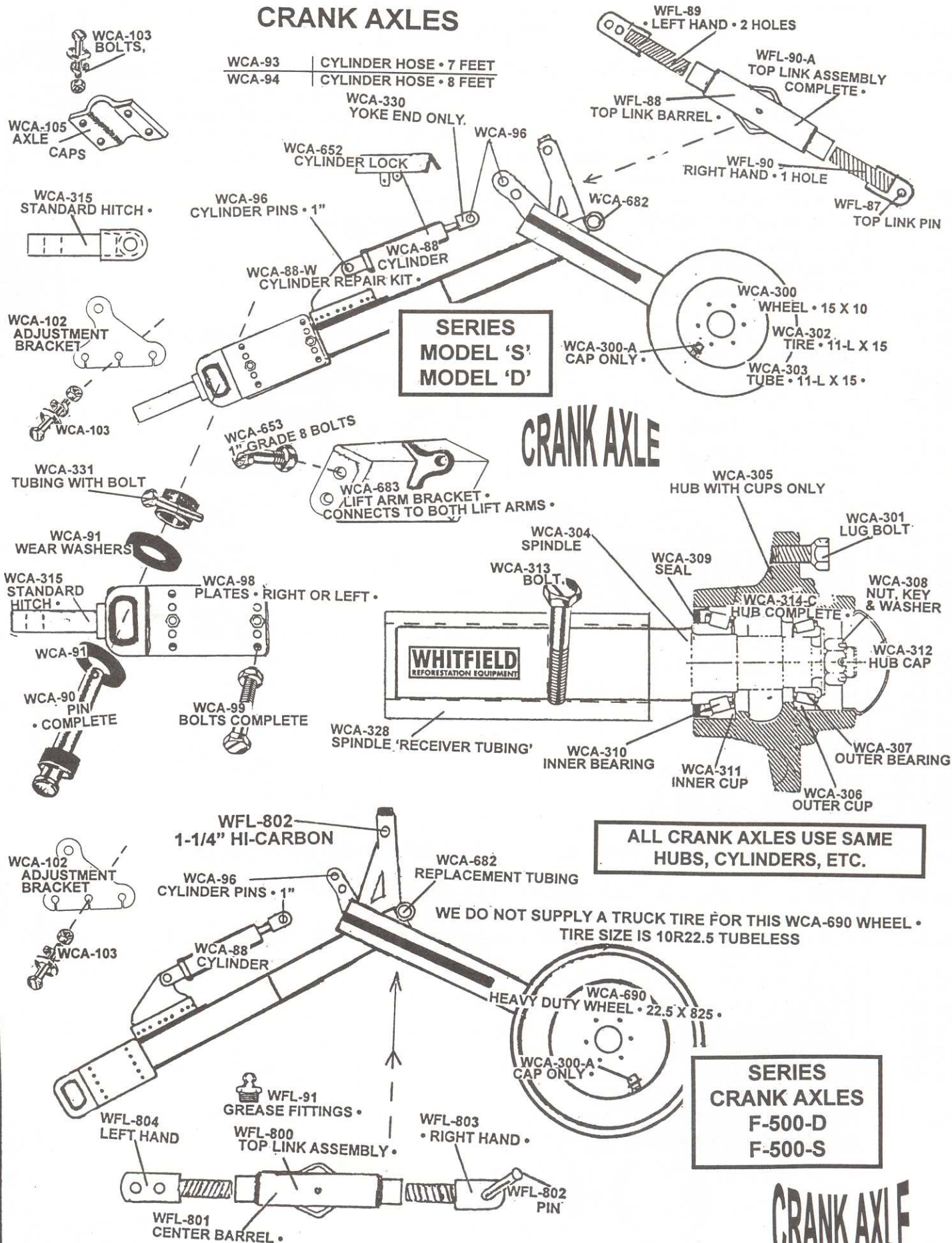
A COULTER BRACE ARM (WFL-104) WHICH IS BENT OR NOT PROPERLY ADJUSTED TO CENTER OF POINT ON PLANTER FOOT COULD CAUSE EXTREME DAMAGE TO COULTER BLADES, BEARINGS, PLANTER FOOT AND TRENCHER PLATES. IT WILL ALSO CAUSE MORE SOIL TO PUSH UP AND OUT ON ONE SIDE OF TRENCHER FOOT

**** SPECIAL PARTS **FOR MODEL 9700-H HARDWOOD PLANTER**
 ALL OTHER PARTS WILL BE LISTED IN STANDARD 'WFL' PARTS LISTING
 THIS PLANTER TO BE USED IN SUBSOILER TRENCHES; CAN BE ADJUSTED FOR SHORT
 OR TALL PLANTS, TRENCHER PLATES AND TUBE ASSEMBLIES



REPAIR PARTS FOR FORESTLAND TRANSPLANTERS		
PART#	DESCRIPTION	NO. REQ
9700-01	FINGER ASSEMBLY BRACKET	1
9700-03	RECEIVER HUB • 1" BORE	2
9700-04	1" AXLE 6" LONG • TOP OR BOTTOM •	2
9700-05	BEARINGS PILLOW BLOCK 1"	4
9700-06	3/8"X 2" CARRIAGE BOLT/NUT/LOCKWASHER	8
9700-07	1/2"FLAT SOCKET HD BOLT/W/NUT/L/NUT/L/W	2
9700-08	1/4" PAN HEAD SCREW	2
9700-09	3/8"X1-1/4" CARRIAGE HD.BOLT COMPLETE	8
9700-10	1/4" KEY 2" LONG	2
9700-11	CHAIN SHIELD AND STOCK PROTECTOR	1
9700-12	CHAIN FINGER ARM BRACE TOP W/BOLTS	2-6
9700-13	CHAIN FINGER ARM BRACE BOTTOM/W/BOLTS	2-6
9700-14	1/2" X 2" CARRIAGE BOLTS COMPLETE	8
9700-15	LEFT SEEDLING PRESSURE ADJ. BRACKET	1
9700-16	RIGHT SEEDLING PRESSURE ADJ.BRACKET	1
9700-20	HARDWOOD FT.ASSY W/REAR TUBING/LESS SHFT	1
9700-21	ATTACH.SHAFT•1 1/2"X20-1/2"W/RING&KEY	1
9700-22	TOP TUBING • WITH HOLE	1
9700-23	BOTTOM TUBING • NO HOLE	1
9700-24	3/8" HOLDING COTTER KEY	1
9700-25	WEAR SHIELD • 1/2" X 2" X 5" HIGH	2
9700-30	TUBE & TR PLATE ASSY 2"ID15-1/2"TUBING	1
9700-31	TUBE & TR PLATE ASSY 3"ID15-1/2"TUBING	1
9700-32	TUBE & TR PLATE ASSY 3-1/2"ID15-1/2"TUBING	1
9700-33	3/4" PIN FOR STAND LEG	2
9700-34	LINCHPIN	2
9700-35	STAND LEG	2
9700-40	2"X 2"SHANK POST W/BOTTOM SWIVEL PLATE	2
9700-41	CENTER ADJUSTMENT PLATE • ONLY	2
9700-42	3/8" X 1-1/4" CARRIAGE BOLT COMPLETE	8
9700-43	1/2" X 1-1/2" CARRIAGE BOLT COMPLETE	4
9700-44	SPREADER PLATES • 3/8" HI-CARBON	2
9700-45	SOIL RETURN BRACKET KIT: 40/41/42/43/44	1

CRANK AXLES



CRANK AXLE

REPAIR PARTS FOR FORESTLAND TRANSPLANTERS		
PART#	DESCRIPTION	NO. REQ
WCA-88	CYLINDER(ONLY)2"ROD X4"BORE X 2"STROKE	1 OR 2
WCA-88-W	CYLINDER REPAIR KIT/WELDED TYPE KIT #88	1
WCA-90	PIN FOR WCA-315 HITCH • COMPLETE	1
WCA-91	WEAR WASHERS ONLY • HI-CARBON STEEL	1
WCA-93	CYLINDER HOSE • 7 FEET LONG	2 OR 4
WCA-94	CYLINDER HOSE • 8 FEET LONG	2 OR 4
WCA-96	CYLINDER PINS • 1"	2 OR 4
WCA-98	PLATES(RIGHT OR LEFT)HITCH TO MAIN FRAME	2
WCA-99	BOLTS COMPLETE •7/8" X 8"	2
WCA-102	ADJUSTMENT BRACKET FOR CYLINDER ONLY	1 OR 2
WCA-103	3/4" X 3" BOLTS, NUTS & LOCKWASHERS	3 - ?
WCA-105	CAPS FOR AXLE • FOR ALL CRANK AXLES	2 OR 3
WCA-300	WHEEL • 15 X 10 HIGH FLOTATION	2
WCA-300-A	CAP ONLY • VALVE PROTECTOR • SCREW-ON	2
WCA-301	LUG BOLT	12
WCA-302	TIRE • 11-L X 15 HIGH FLOTATION	2
WCA-303	TUBE • 11-L X 15 • LONG VALVE STEM	2
WCA-304	SPINDLE FOR # 305 HUB • BOLT-IN TYPE	2
WCA-305	HUB WITH CUPS ONLY • 6-LUG	2
WCA-306	OUTER CUP	2
WCA-307	OUTER BEARING	2
WCA-308	NUT, KEY & WASHER FOR SPINDLE # 304	2
WCA-309	INNER SEAL	2
WCA-310	INNER BEARING	2
WCA-311	INNER CUP	2
WCA-312	HUB CAP	2
WCA-313	BOLT, NUT, WASHER FOR # 304 SPINDLE	2
WCA-314-C	HUB COMPLETE	2
WCA-315	STANDARD HITCH • ONE POINT DESIGN	2
WCA-327	TOWING TRAILER HITCH FOR 2" BALL	1
WCA-328	SPINDLE 'RECEIVER TUBING	2
WCA-330	YOKE END ONLY FOR HYDRAULIC CYLINDER	1 OR 2
WCA-331	END TUBING WITH BOLT FOR ITEM # 90 PIN	1
WCA-652	CYLINDER LOCK BRACKET W/LOCK BOLT	1 OR 2
WCA-653	1" GRADE 8 BOLTS • 3"	4
WCA-682	REPLACEMENT TUBING/REAR OF CRANK AXLE	2
WCA-683	LIFT ARM BRACKET	1
WCA-690	HEAVY DUTY WHEEL • 22.5 X 825	2

ADJUSTING THE MANUAL PLANTER

TREE PLANTER OPERATOR RESPONSIBILITIES

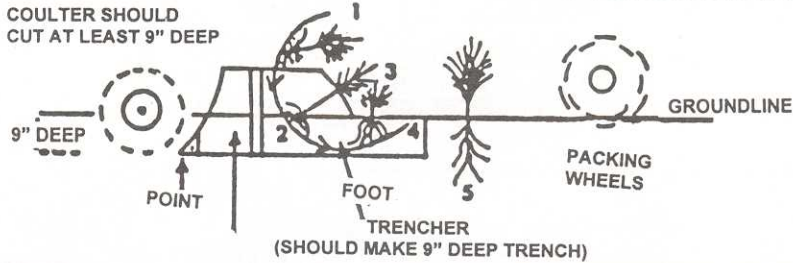
INSPECT THE TREE PLANTER'S GENERAL MECHANICAL CONDITION INCLUDING THE POINT, FOOT, COULTER, TIRES, SEAT, PACKING WHEELS, SAFETY CHAINS, ROLLOVER CANOPY, HAND HOLDS AND PROTECTIVE DEVICES. REPAIR ANY CONDITION WHICH MIGHT ENDANGER THE SAFETY OF THE PERSON PLANTING TREES. AN ENCLOSED TREE PLANTER IS STRONGLY RECOMMENDED.

MANUAL TRANSPLANTER

PLANTING SEQUENCE

1. HOLD SEEDLING HORIZONTAL AT TOP OF TRENCHER
2. START DOWNWARD ARC MOTION.
3. PLACE SEEDLING ROOTS AT MAXIMUM DEPTH.
4. START AN UPWARD MOTION TO PULL ANY 'J' OR 'L' ROOT OUT OF THE SEEDLING.
5. HOLD SEEDLING IN VERTICAL POSITION WHERE ROOT COLLAR IS 1" - 2" BELOW GROUND LINE UNTIL SOIL CLOSES AROUND ROOTS

DEPENDING UPON WEIGHT OF MACHINE, WHERE, AND SOIL CONDITIONS - SOME WEIGHTS MAY BE NEEDED ON PACKING SECTION.



FLEX PIN MUST BE CHANGED WHEN RUBBER IS DAMAGED OR SEPARATED • WILL NOT SECURE POINT ANY LONGER

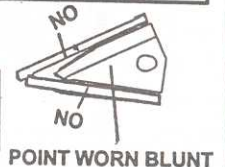
TOOLS: 1/2" EXTRACTOR ROD, HAMMER AND PLIERS

REPLACEMENT STEPS: KNOCK OLD PIN OUT WITH ROD, REPLACE POINT. WITH PLIERS DEPRESS PIN CLOSE TO THE END. PLACE IN HOLE OF NEW POINT. HIT SOLID WITH HAMMER TO DRIVE PIN IN.

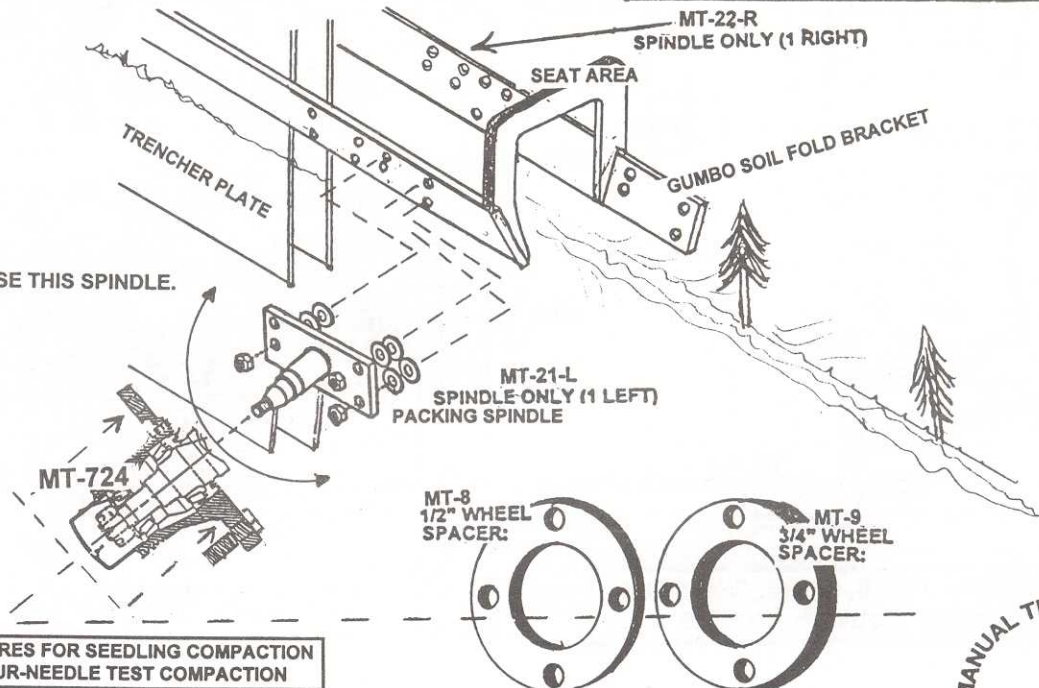
THE PACKING WHEELS CAN BE ADJUSTED BY ADDING SHIMS AT THE TWO TOP MOUNTING BOLTS BETWEEN THE AXLE FLANGE AND FRAME; OR BY ADDING A HUB RING BETWEEN THE WHEEL AND THE HUB. IN LOOSE OR SANDY SOIL, A WIDE SETTING WORKS BEST. THE WHEELS CAN BE MADE WIDER BY ADDING WASHERS

DO NOT USE A POINT THAT IS BLUNT AS IT WILL NOT PENETRATE THE SOIL

EXCESS WELDING OR ADDING TO POINT, MAKES IT BLUNT



ALL MANUAL TRANSPLANTERS USE THIS SPINDLE.



SETTING TIRES FOR SEEDLING COMPACTION FOR FOUR-NEEDLE TEST COMPACTION

MANUAL TRANSPLANTER

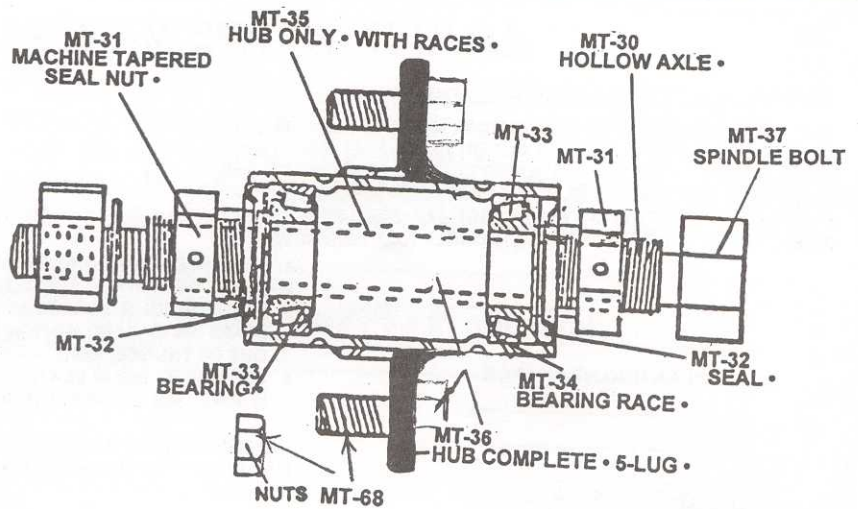
MT-46 15" PACKING WHEEL ONLY.
 MT-47 15" PACKING TIRE • 500 X 15
 MT-48 15" TUBE
 MT-49-C 15" PACKING WHEEL ASSEMBLY

5-LUG HUB ONLY.

MT-42 12" PACKING WHEEL ONLY • 5-LUG HUB
 MT-43 12" PACKING TIRE ONLY
 MT-44 12" TUBE ONLY
 MT-45-C 12" PACKING WHEEL ASSEMBLY

5-LUG HUB ONLY.

MT-38 8" PACKING WHEEL ONLY.
 MT-39 8" PACKING TIRE ONLY
 MT-40 8" TUBE ONLY
 MT-41-C 8" PACKING WHEEL ASSEMBLY



5-LUG FORK-MOUNT PACKING HUB ASSEMBLIES, WHEELS & TIRES FOR OLD STYLE TRANSPLANTERS

MT-53 12" WHEEL •
 MT-54 12" TIRE
 MT-55 12" TUBE

MT-56-C 12" PACKING WHEEL COMPLETE

MT-184 4-LUG FOAM FILLED 12" TIRE ASSEMBLY

MT-57-C 12" SOLID PACKING TIRE & WHEEL • 4-LUG HUBS

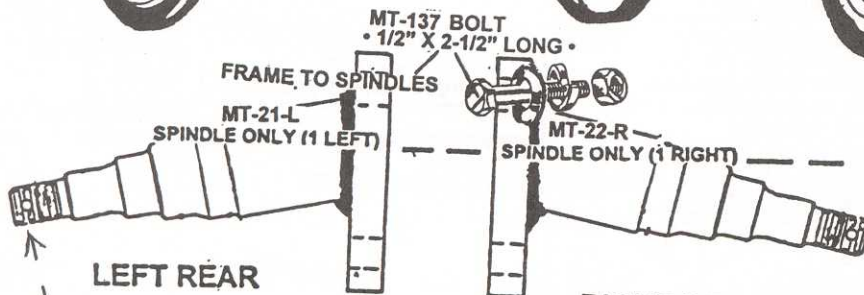
MANUAL TRANSPLANTER

MT-1 HEAVY DUTY 15" 4-LUG PACKING WHEEL •
 MT-4 500 X 15 TIRE ONLY
 MT-5 500 X 15 TUBE ONLY
 MT-5-C 15" PACKING ASSEMBLY •

MT-2-C SOLID 3" X 24" 4-LUG TIRE & WHEEL • 15"

MT-185 4-LUG FOAM FILLED 15" TIRE ASSEMBLY

MT-3-C SOLID 4" X 24" 4-LUG TIRE & WHEEL

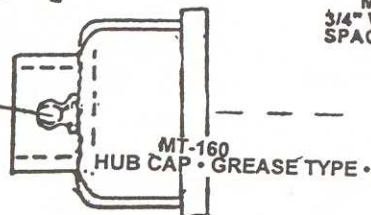


LEFT REAR

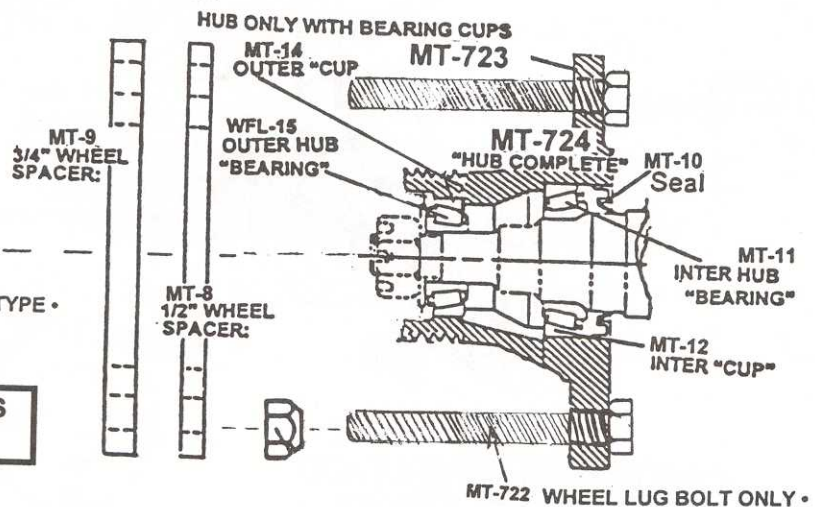
RIGHT REAR

MT-16 WASHER, NUT, COTTER PIN

MT-161 GREASE FITTING • ONLY •

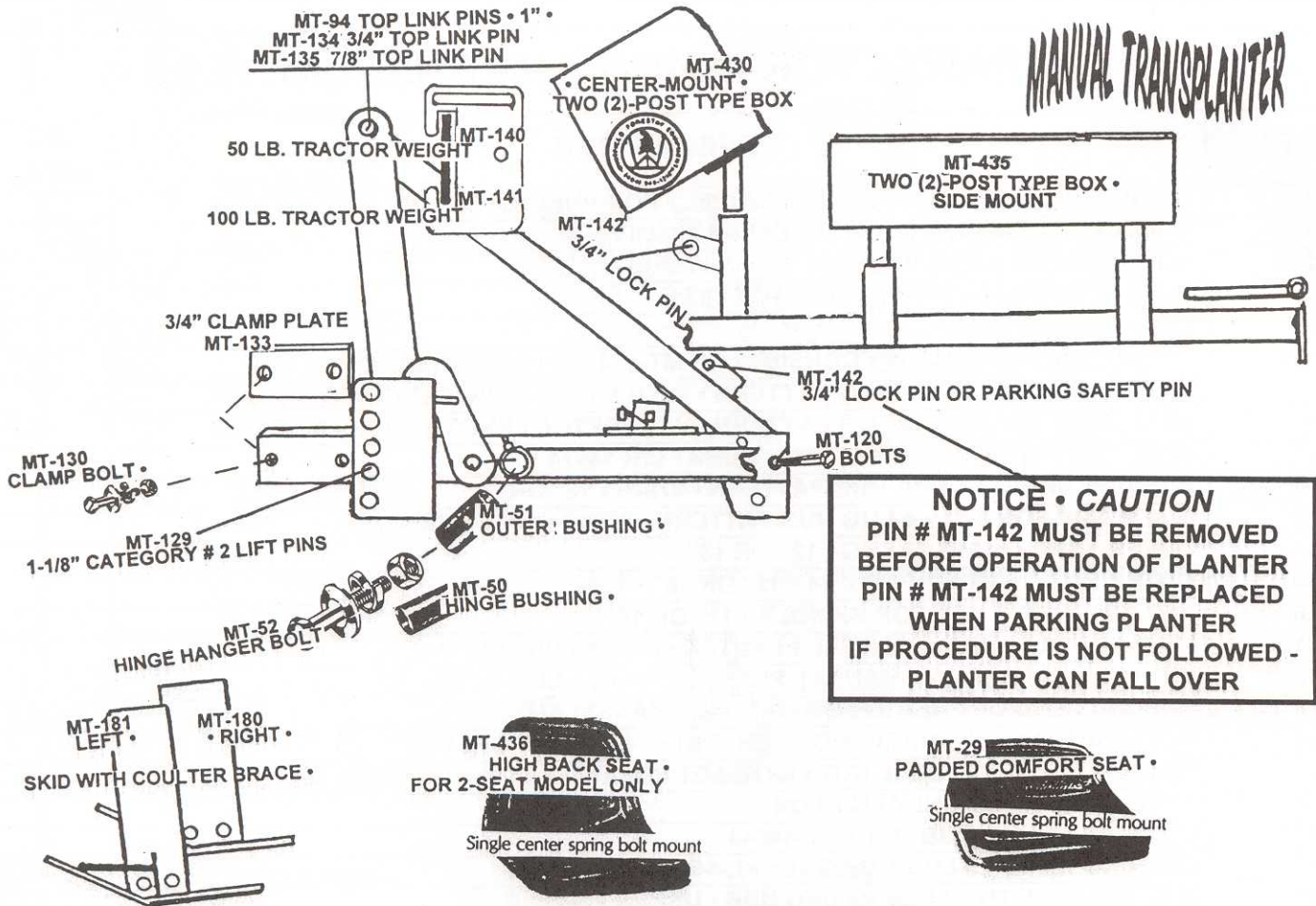


4-LUG PACKING TIRES, HUBS, SPINDLES
 ALL MANUAL TRANSPLANTERS



REPAIR PARTS FOR MANUAL TRANSPLANTERS		
PART#	DESCRIPTION	NO. REQ
MT-1	HEAVY DUTY 15" 4-LUG PACKING WHEEL	2
MT-2-C	SOLID 3"X 24" 4-LUG TIRE& WHL 15"SOLID	2
MT-3-C	SOLID 4"X 24" 4-LUG PACKING TIRE&WHEEL	2
MT-4	500 X 15 TIRE ONLY(3-RIB TRACTOR TYPE)	2
MT-5	500 X 15 TUBE ONLY	2
MT-5-C	15" PACKING ASSEMBLY	2
MT-8	1/2" WHEEL SPACER • 4-LUG PATTERN	2
MT-9	3/4" WHEEL SPACER • 4-LUG PATTERN	2
MT-10	SEAL ONLY • FOR 4-LUG PATTERN HUBS	2
MT-11	INNER BEARING • 4-LUG HUB PATTERN	2
MT-12	INNER CUP FOR 4-LUG HUB PATTERN	2
MT-14	OUTER 'CUP' 4-LUG 12" OR 15"	2
MT-15	OUTER HUB BEARING FOR #14 12" OR 15"	2
MT-16	NUT/WASHER/KEY FOR SPINDLE 12" OR 15"	2
MT-21-L	LEFT SPINDLE ONLY • MANUAL PLANTER	1
MT-22-R	RIGHT SPINDLE ONLY • MANUAL PLANTER	1
MT-29	PADDED COMFORT SEAT	1 OR 2
MT-30	HOLLOW AXLE	2
MT-31	MACHINE TAPERED SEAL NUT W/ SET SCREW	4
MT-32	SEAL • 5-LUG HUB ONLY	4
MT-33	BEARING • 5-LUG HUB ONLY	4
MT-34	BEARING RACE(5-LUG HUB ONLY)	4
MT-35	HUB ONLY • WITH RACES • 5-LUG HUB	2
MT-36	HUB COMPLETE • 5-LUG	2
MT-37	SPINDLE BOLT THRU FORKS 5/8" 5-LUG	2
MT-38	8" PACKING WHEEL ONLY 5-LUG HUB USE	2
MT-39	8" PACKING TIRE ONLY	2
MT-40	8" TUBE ONLY	2
MT-41-C	8" PACKING WHEEL ASSEMBLY COMPLETE	2
MT-42	12" PACKING WHEEL ONLY • 5-LUG HUB	2
MT-43	12"PACKING TIRE ONLY 3-RIB TRACTOR TYPE	2
MT-44	12" TUBE ONLY	2
MT-45-C	12"PACKING WHL.ASSY.COMPLETE5-LUG HUB	2
MT-46	15"PACKING WHL.ONLY 5-LUG HUB(PNEU TIRE)	2
MT-47	15"PACKING TIRE 500X15(3-RIB TRACTOR TYPE)	2
MT-48	15" TUBE	2
MT-49-C	15"PACKING WHL ASSY COMPLETE(5-LUG HUB)	2
MT-50	HINGE BUSHING • FOR 1996 MODELS •	2
MT-51	OUTER BUSHING • FOR 1996 MODELS •	2
MT-52	HINGE HANGER BOLT	2
MT-53	12"WHEEL(4-LUG FOR MT-18 & MT-20 HUBS	2
MT-54	12" TIRE • 3-RIB TRACTOR TYPE	2
MT-55	12" TUBE	2
MT-56-C	12"PACKING WHL COMPLETE FOR 4-LUG HUB	2
MT-57-C	12"SOLID PACKING TIRE & WHL FOR4-LUG HUBS	2
MT-59	REPLACEMENT SHANK • WELD-ON •	1

MANUAL TRANSPLANTER



NOTICE • CAUTION
PIN # MT-142 MUST BE REMOVED
BEFORE OPERATION OF PLANTER
PIN # MT-142 MUST BE REPLACED
WHEN PARKING PLANTER
IF PROCEDURE IS NOT FOLLOWED -
PLANTER CAN FALL OVER

TO PROVIDE OPTIMAL GROWTH AND PERFORMANCE OF BARE ROOT AND CONTAINER SEEDLINGS.

HORTA-SORB™ SM ROOT DIP GEL

"FROM THE ORIGINATOR OF GELS IN FORESTRY"

HORTA-SORB™ SM ROOT DIP IS ADDED TO WATER TO FORM A GEL WHICH IS USED TO DIP BARE ROOT PLANTS AFTER LIFTING FROM BEDS AND BEFORE PLANTING. THE RESULTS ARE BETTER SURVIVAL AND GROWTH RATES AND LESS WATERING FOR ALL TRANSPLANTER.

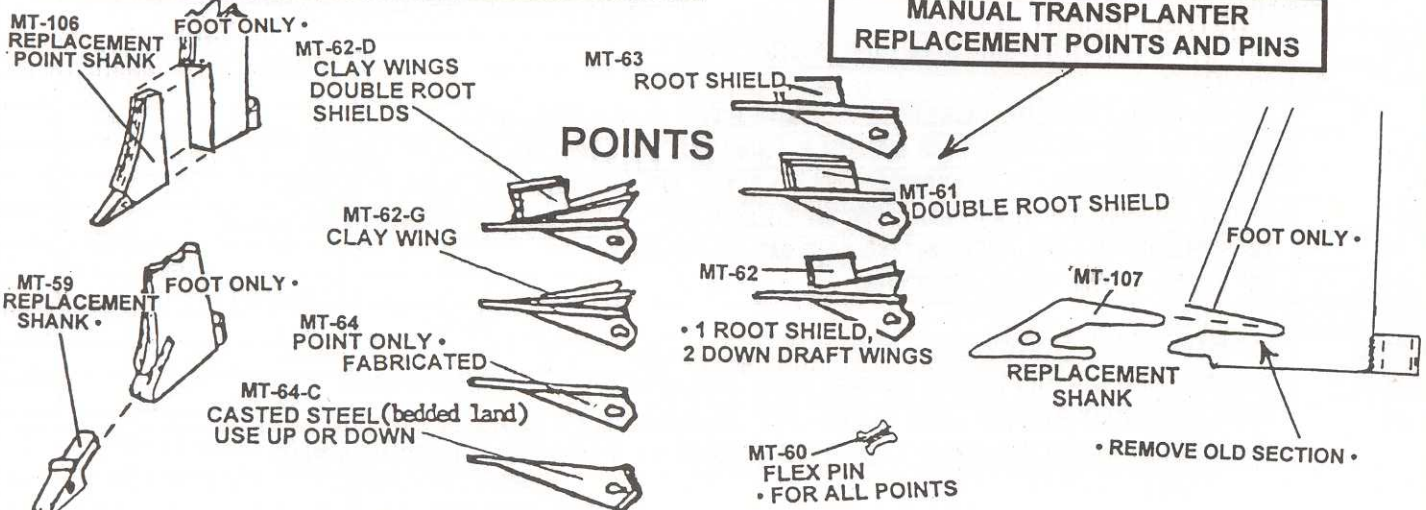
DAMAGED TRENCHER FOOT POINT ATTACHMENT SECTION
REPLACE FRONT SHANK SECTION
• CHECK YOUR PLANTER FOR CORRECT TYPE •



MT-445
DECALS • SET
2 LONG, 2 CIRCLES

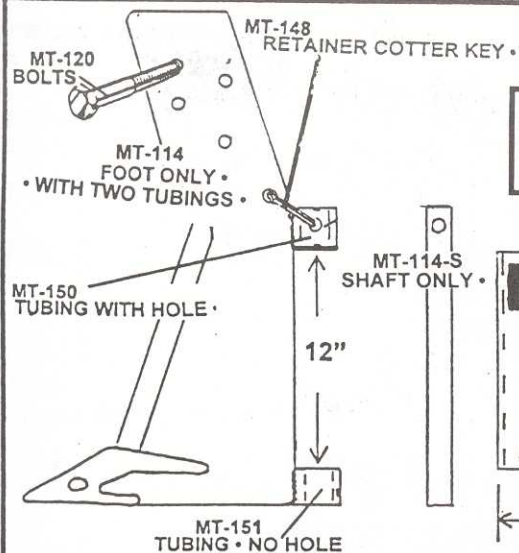
WHITFIELD
REFORESTATION EQUIPMENT

MANUAL TRANSPLANTER REPLACEMENT POINTS AND PINS

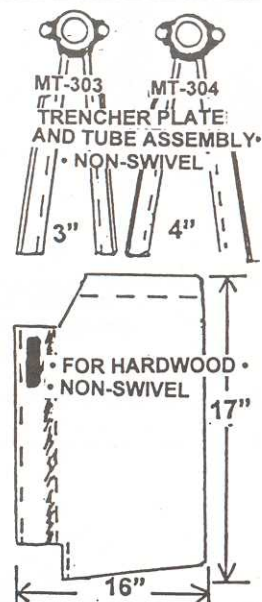
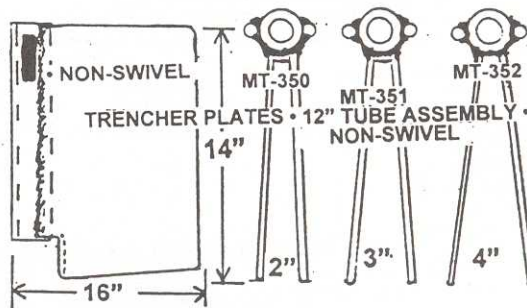


PART#	DESCRIPTION	NO. REQ
MT-60	FLEX PIN ONLY • FOR ALL POINTS	1
MT-61	DOUBLE ROOT SHIELD POINT • FABRICATED	1
MT-62	CLAY POINT(1 RT SHIELD2 DOWN-DRAFT WINGS)	1
MT-62-D	CLAY POINT W/DOUBLE ROOT SHIELDS FAB.	1
MT-62-G	WINGED POINT ONLY • NO ROOT SHIELD	1
MT-63	SINGLE ROOT SHIELD POINT • FABRICATED	1
MT-64	POINT ONLY • NO ROOT SHIELD • FAB,	1
MT-64-C	CAST POINT ONLY	1
MT-65	SPINDLE BOLT 5/8"FOR #66 SPINDLE	1
MT-66	SPINDLE ONLY 4-HOLE HUB	1
MT-67	BEARING • ER-18-237W • FOR 4-HOLE HUB	2
MT-67-S	"NEW" EXTRA (OUTSIDE) SEAL	2
MT-68	BOLT • COMPLETE	4
MT-68-CH	1999 CARRIAGE HEAD BOLT COMPLETE	4
MT-69	COULTER HUB ONLY • 4-HOLE • NO EXTRAS	1
MT-70	COULTER HUB BACK PLATE • ONLY • 4-HOLE	1
MT-73	3/8" X 24" BLADE ONLY • 4-HOLE •	1
MT-74-C	3/8" X 24" COULTER ASSEMBLY COMPLETE	1
MT-75	COULTER HUB COMPLETE	1
MT-76	COULTER BRACE ADJUSTMENT ARMS •	2
MT-78	1/2" X 32" HI-CARBON COULTER BLADE •	1
MT-81	BACK PLATE FOR COULTER HUB •	1
MT-82	COULTER HUB BOLT, NUT, WASHER	6
MT-82-CH	1999 CARRIAGE HEAD BOLT COMPLETE	6
MT-83	COULTER HUB BEARING	2
MT-83-S	NEW EXTRA (OUTSIDE)SEAL FOR MT-83 BRG.	2
MT-84	SPINDLE ONLY • 6-HOLE HUB ONLY	1
MT-85	SPINDLE BOLT • GRADE 8 • COMPLETE •	1
MT-86	COULTER HUB ONLY • 6-HOLE • NO EXTRAS	1
MT-87	COULTER HUB COMPLETE #81 THRU 86 6-HOLE	1
MT-88-C	1/2" X 32" COULTER ASSEMBLY COMPLETE	1
MT-94	TOP LINK PINS 1" MILD STEEL SAFETY PIN	2
MT-96	BOLT COMPLETE • 1" X 5" • GRADE 8 •	4
MT-100	3/4" X 6" COULTER ADJ.ARM W/SKID LEFT	1
MT-101	3/4" X 6" COULTER ADJ.ARM W/SKID RIGHT	1
MT-102	BEARING INSERT CUP •	1
MT-106	REPLACEMENT POINT SHANK FOR FOOT	1
MT-107	REPLACEMENT SHANK	1
MT-113	FOOT ONLY • WITH THREE TUBINGS	1
MT-114	FOOT ONLY • WITH TWO TUBINGS •	1
MT-114-2	TUBE & TRENCHER PLATES • 2" INSIDE	1
MT-114-3	TUBE & TRENCHER PLATES • 3" INSIDE	1

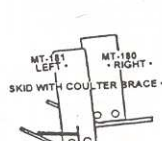
PART#	DESCRIPTION	NO. REQ
MT-114-S	SHAFT ONLY 16"FOR ALL MODELS W/2 TUBINGS	1
MT-115-S	SHAFT ONLY • 22-1/2" LONG	1
MT-120	BOLTS COMPLETE TO ATTACH FT.TO FRAMES	4
MT-129	1-1/8" CATEGORY # 2 LIFT PINS	1 OR 2
MT-130	CLAMP BOLT • 3/4" X 3" • COMPLETE	4
MT-133	3/4" CLAMP PLATE	2
MT-134	3/4" TOP LINK PIN	1
MT-135	7/8" TOP LINK PIN	1
MT-137	BOLTS • COMPLETE • 1/2" X 2-1/2" LONG	4 OR 8
MT-138	SPRING • 5" LONG	2
MT-139	SPRING BOLT 5/8"X7-1/2" 2 NUTS/FW/COMP.	2
MT-140	50 LB. TRACTOR WEIGHT	1 TO 4
MT-141	100 LB. TRACTOR WEIGHT	1 TO 4
MT-142	3/4" LOCK PIN OR PARKING SAFETY PIN	1
MT-148	RETAINER COTTER KEY 3/8"X3-1/2" LONG	1 OR 2
MT-150	REPLACEMENT TUBING WITH HOLE •	1
MT-151	REPLACEMENT TUBING • NO HOLE	1 OR 2
MT-160	HUB CAP • GREASE TYPE •	2
MT-161	GREASE FITTING ONLY FOR #160 CAP a	2
MT-169	3/8"X26" 4-HOLE COULTER BLADE	
MT-170-C	26" COULTER ASSEMBLY • COMPLETE	1
MT-171	TRENCHER PLATES FOR SWIVEL-TYPE CONTOUR MODELS • 12" TUBE • 16" LONG PLATES • 2" INSIDE BETWEEN PLATES	1
MT-172	TRENCHER PLATES FOR SWIVEL TYPE CONTOUR MODELS • 12" TUBE • 16" LONG PLATES • 3" INSIDE BETWEEN PLATES	1
MT-173	TRENCHER PLATES FOR SWIVEL TYPE CONTOUR MODELS • 12" TUBE • 16" LONG PLATES • 4" INSIDE BETWEEN PLATES	1
MT-180	SKID WITH COULTER BRACE • RIGHT •	1
MT-181	SKID WITH COULTER BRACE • LEFT •	1
MT-184	4-LUG FOAM FILLED 12" TIRE ASSEMBLY	2
MT-185	4-LUG FOAM-FILLED 15" TIRE ASSEMBLY	2
MT-186	SET PACKING WHEEL SCRAPERS	1 SET
MT-210	1" FOOT AND TRENCHER PLATES COMPLETE	1
MT-212	REPLACEMENT TRENCHER PLATES • 1 SET	1 SET
MT-213	COULTER BRACE ARMS • CHANNEL TYPE	2
MT-214	LIFT PINS • # 1 AND # 2 • BOLT-ON TYPE	2
MT-215	CRIMP-ON POINT	1
MT-220	1"SWORD FOOT & BEAM W/TRENCHER PLATES	1
MT-221	3/4"GRADE 8 BOLTS COMPLETE 3-1/2" LONG	1
MT-273	FULL ACTION FLOATING SADDLE	1
MT-274	FULL ACTION MANUAL SWING & LOCK ARM	1
MT-275	FULL ACTION LOCK PIN HOLDS IN POSITION	1
MT-276	FULL ACTION ADJ.SIDE ARM& LOCK MANUAL	1
MT-277	FULL ACTION SWIVEL BUSHING MANUAL	1



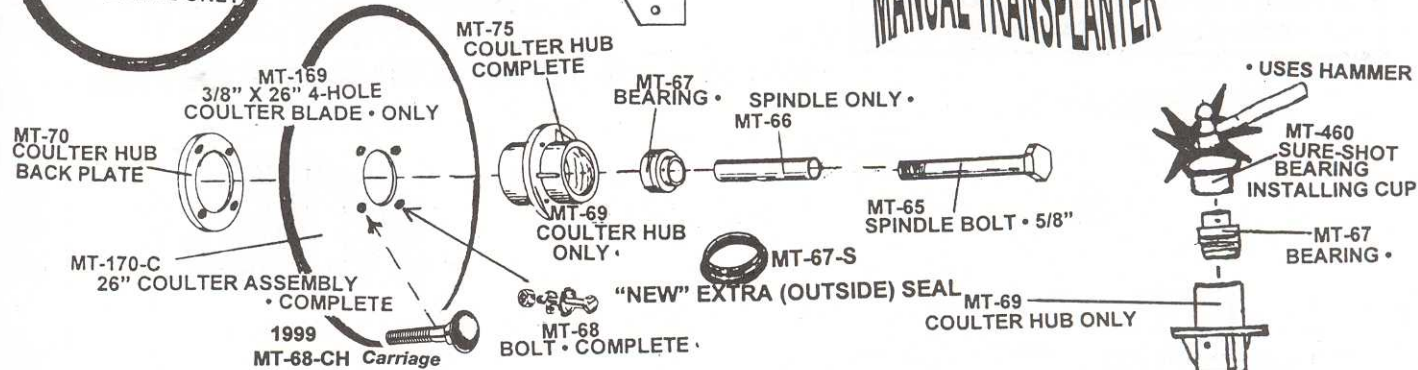
REPAIR PARTS STRAIGHT RUN TRANSPLANTERS SUCH AS MODEL 88-E TO H-200-W



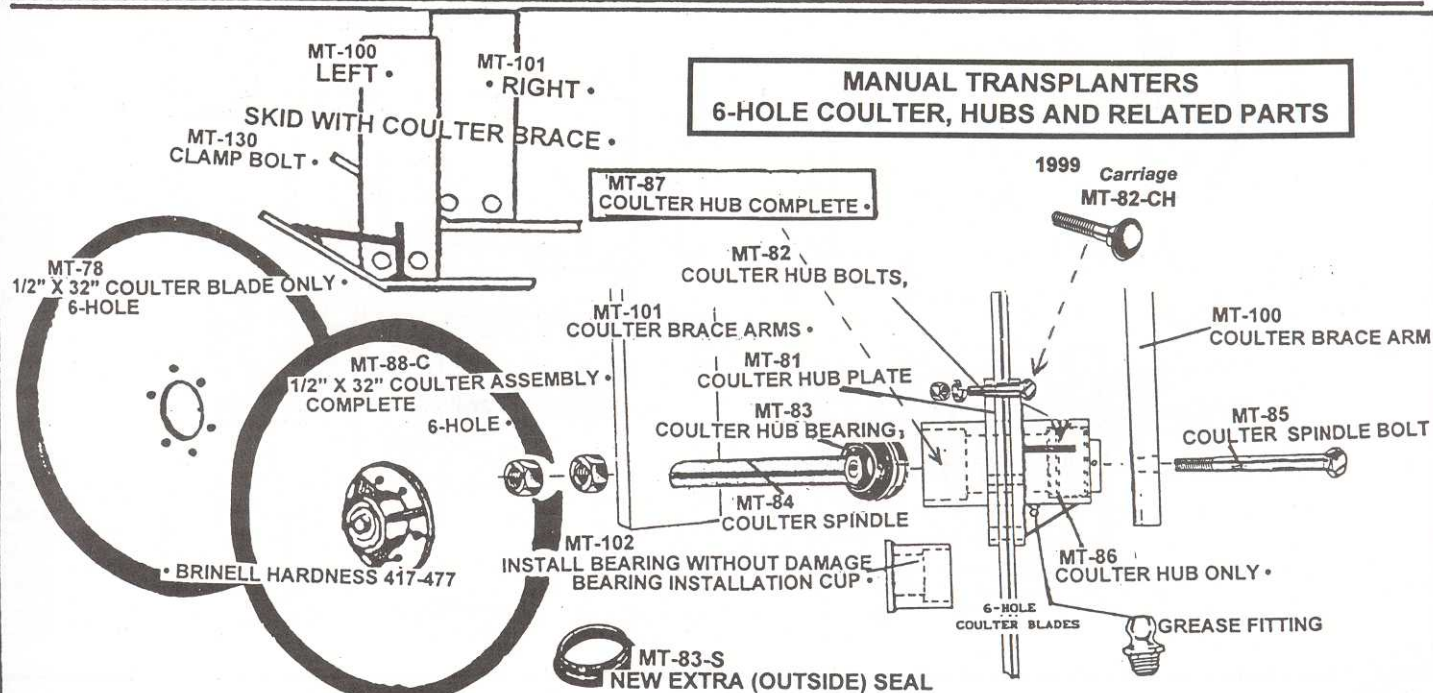
MT-170-C WILL NOT FIT MODEL E TRANSPLANTER



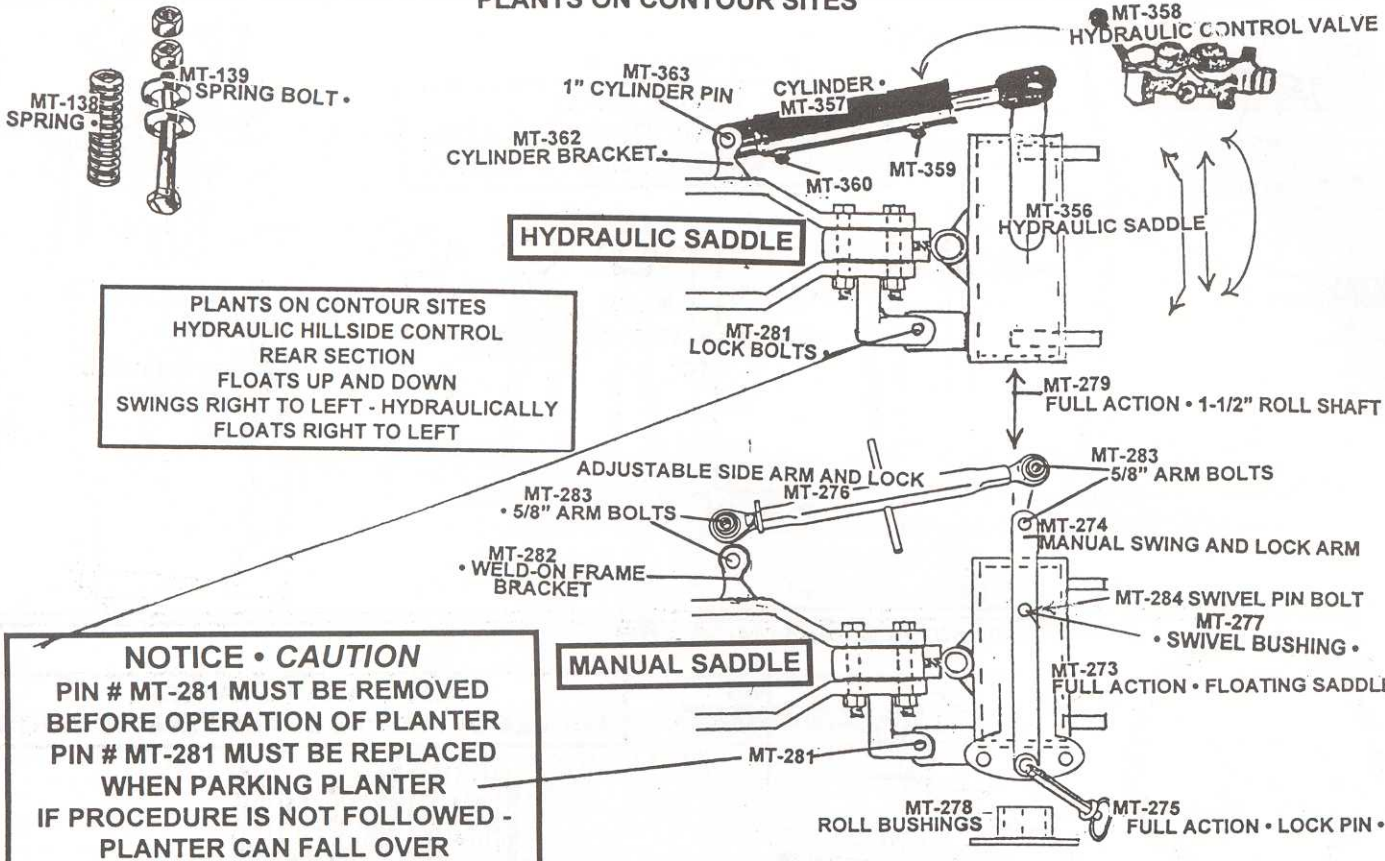
MANUAL TRANSPLANTERS 4-HOLE COULTTER, HUBS AND RELATED PARTS



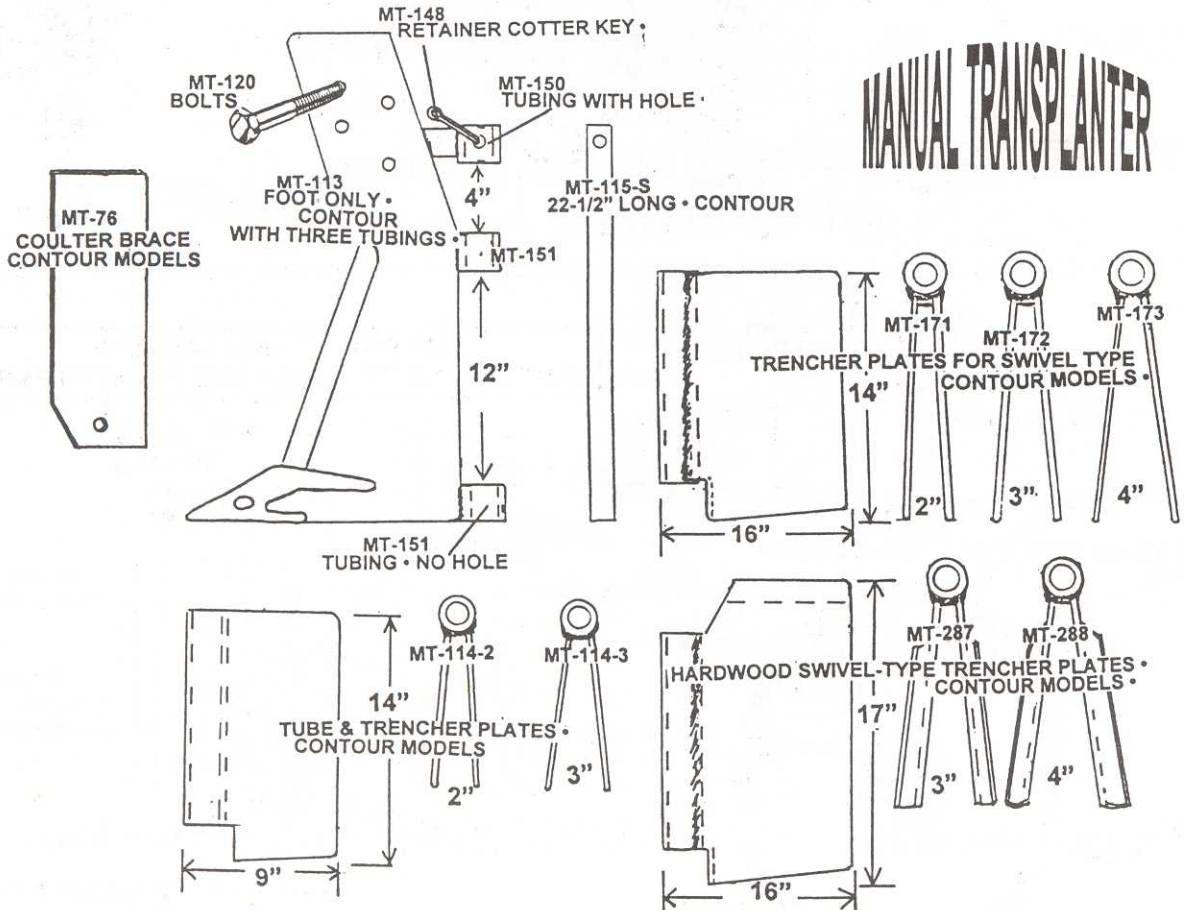
MANUAL TRANSPLANTERS 6-HOLE COULTTER, HUBS AND RELATED PARTS



PLANTS ON CONTOUR SITES



SEMI-CONTOUR TRANSPLANTER



PART#	DESCRIPTION	NO. REQ
MT-278	FULL ACTION RIGHT TO LEFT ROLL BUSHINGS	2
MT-279	FULL ACTION • 1-1/2" ROLL SHAFT • MANUAL OR HYDRAULIC	1
MT-281	SAFETY LOCK BOLT • 1/2" •	1
MT-282	FULL ACTION • WELD-ON FRAME BRACKET	1
MT-283	FULL ACTION • 5/8" ARM BOLTS • MANUAL	2
MT-284	SWIVEL PIN BOLT • 3/4" X 2" •	1
MT-287	3"ID HARDWOOD SWIVEL-TYPE TRENCHER PLATES	1
MT-288	4"ID HARDWOOD SWIVEL TYPE TRENCHER PLATES	1
MT-290	1" HI-CARBON TRENCHER FOOT ST-630 ONLY WITH TUBING - (4)-BOLT	1
MT-291	COULTER BLADE MUD SCRAPER/TIRE SCRAPERS	2
MT-292	TRENCHER PLATE RETAINER SHAFT CR 3/4"X16"	1
MT-293	RETAINER COTTER KEY • 3/16" X 2"	1
MT-294	2" TUBE & TRENCHER PLATE ASSY.	1
MT-295	TUBE WITH HOLE • WELDS ON FOOT •	1
MT-296	TUBE • NO HOLE • WELDS ON FOOT •	1
MT-297	3" TUBE & TRENCHER PLATE ASSEMBLY	
MT-302	FOOT & TUBINGS ASSEMBLY •	1
MT-303	TRENCHER PLATE & TUBE ASSEMBLY • FOR HARDWOOD 3" I.D. FOR 3215, 3201, 3202 & 3204-RF PLANTERS • ONLY • 12" TUBE	1
MT-304	TRENCHER PLATE AND TUBE ASSEMBLY • FOR HARDWOOD • 4" I.D. • FOR 3215, 3201, 3202 & 3204-RF PLANTERS ONLY • 12" TUBE	1
MT-350	2" I.D. TRENCHER PLATES • 12" TUBE ASSEMBLY • NON-SWIVEL	1
MT-351	3" I.D. TRENCHER PLATES • 12" TUBE ASSEMBLY • NON-SWIVEL	1
MT-352	4" I.D. TRENCHER PLATES • 12" TUBE ASSEMBLY • NON-SWIVEL	1
MT-356	HYDRAULIC SADDLE WITH CYLINDER ARM BRACKET • ROCKS RIGHT TO LEFT • SWIVELS RIGHT TO LEFT • ALSO WORKS PACKING SECTION UP AND DOWN • BOTH TIRES PACK ON CONTOUR TERRAIN	1
MT-357	HYDRAULIC CONTROL CYLINDER • 8" STROKE	1
MT-358	HYDRAULIC CONTROL VALVE 400	1
MT-359	HYDRAULIC HOSE • 1/2" DOUBLE BRAIDED • 24" LONG • (1) 90 DEGREE AND (1) STRAIGHT FITTING (MALE) • VALVE TO CYLINDER	2
MT-360	HYDRAULIC HOSE • 1/2" DOUBLE BRAIDED • 8' LONG • (1) 90 DEGREE AND (1) STRAIGHT FITTING • VALVE TO TRACTOR	2
MT-362	CYLINDER BRACKET TO FRAME OR DRAWBAR	1
MT-363	1" CYLINDER PIN	2
MT-364	11" X 17" TUBE AND TRENCHER PLATE ASSEMBLY • 3" I.D. • NON-SWIVEL • FOR MODEL 3204-RF PLANTER	1
MT-365	11" X 17" TUBE AND TRENCHER PLATE ASSEMBLY • 4" I.D. • NON-SWIVEL • FOR MODEL 3204-RF PLANTER	1
MT-430	TWO (2)-POST TYPE BOX • CENTER-MOUNT • 36" LONG X 16" WIDE X 16" DEEP	1
MT-435	TWO (2)-POST TYPE BOX • SIDE MOUNT STYLE • 1993 • 30" LONG X 12" WIDE X 10" DEEP • CENTERS ON POST • 24"	2
MT-436	HIGH BACK SEAT • FOR 2-SEAT MODEL ONLY	2
MT-445	DECALS • SET • 2 LONG, 2 CIRCLES	1 SET
MT-460	SURE SHOT BEARING INSTALLING CUP	1
MT-527	TRACTOR TOW CLEVIS • USES 1" PIN	1
MT-528	DEPTH ASSIST TOW TONGUE • OFFSET	1
MT-529	TOW TONGUE PIN 1-1/2"X10"LO W/COTTER PIN	1

- MT-537 PIN • WITH KEY
- MT-533 CYLINDER LIFT PIN • 1" X 10" • WITH KEY & WASHER
- MT-535 BUSHING • 2.38" X 1-1/2" X 1.16"
- MT-534 RETAINER WASHER
- MT-536 HYDRAULIC CYLINDER • RAM
- MT-568 HYDRAULIC CYLINDER TIE ROD
- MT-569 PACKING KIT



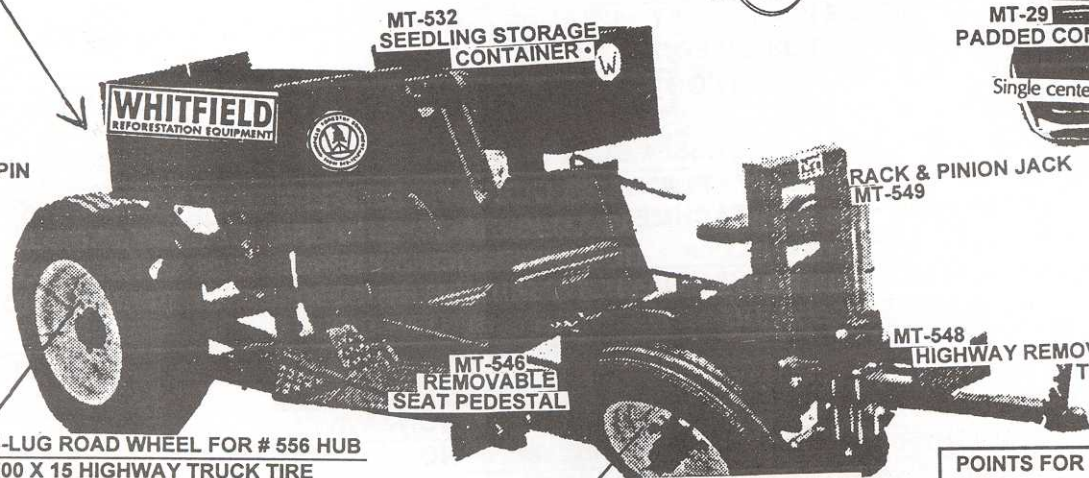
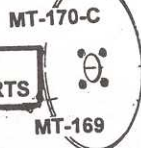
MANUAL TRANSPLANTER

REPLACEMENTS PARTS FOR MODEL 5200

- MT-528 DEPTH ASSIST TOW TONGUE • OFFSET
- MT-527 TRACTOR TOW CLEVIS • USES 1" PIN

- MT-531 SHAFT •
- MT-530 SAFETY SHAFT
- MT-529 TOW TONGUE PIN

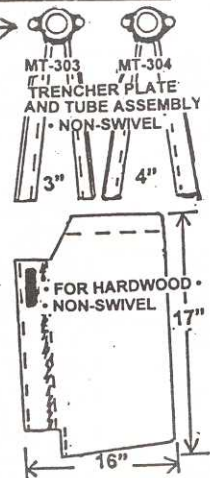
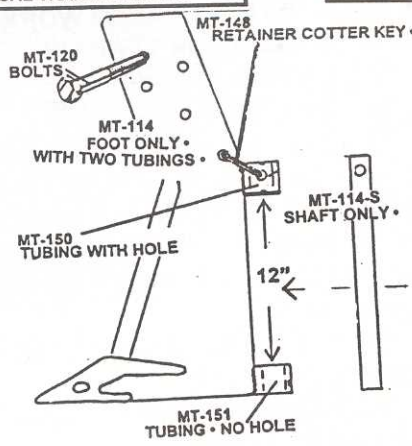
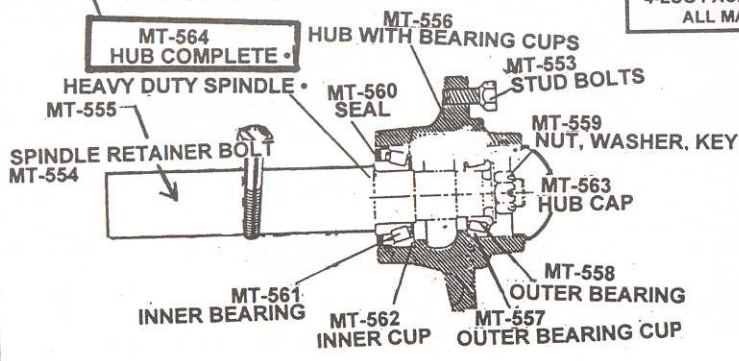
MANUAL TRANSPLANTERS 4-HOLE COULTER, HUBS AND RELATED PARTS



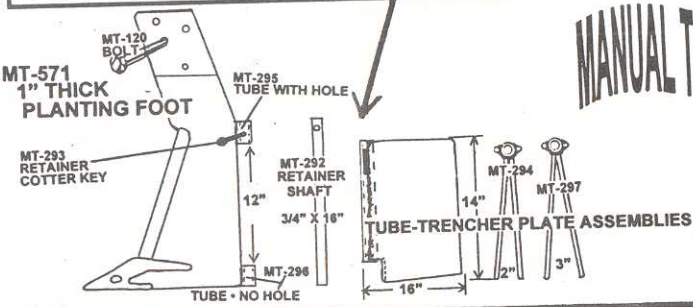
- MT-565 6-LUG ROAD WHEEL FOR # 556 HUB
- MT-566 700 X 15 HIGHWAY TRUCK TIRE
- MT-567 700 X 15 TUBE

4-LUG PACKING TIRES, HUBS, SPINDLES ALL MANUAL TRANSPLANTERS

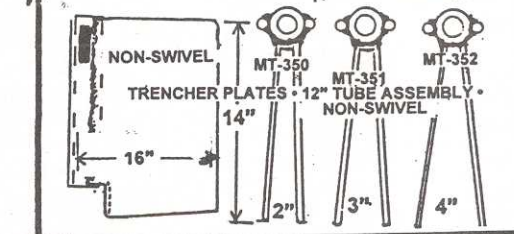
POINTS FOR MODEL 5200 SAME AS MT-POINTS FOR ALL TRANSPLANTERS



SPECIAL 1" FOOT AND TRENCHER PLATE ASSEMBLY PARTS

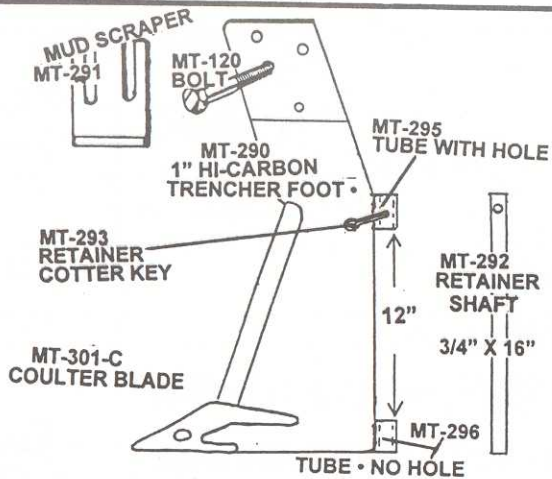


MANUAL TRANSPLANTER

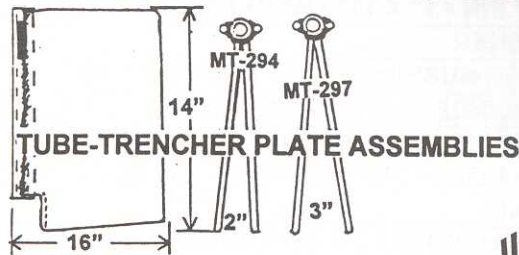


STANDARD 2" FOOT AND TRENCHER PLATE ASSEMBLY PARTS

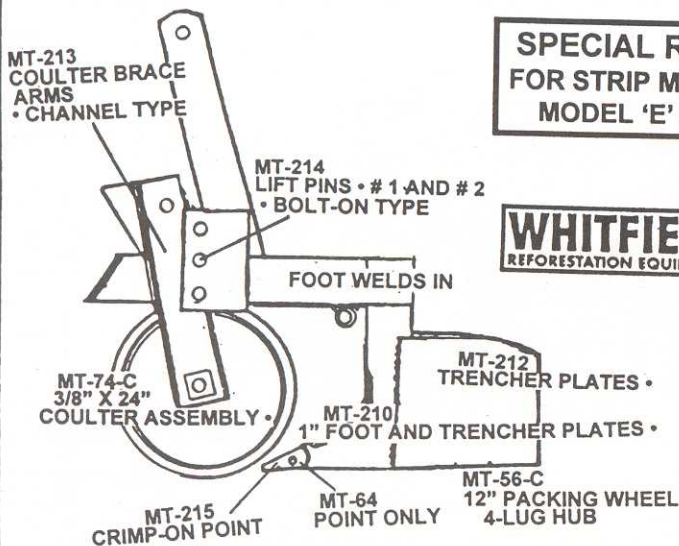
PART#	DESCRIPTION	NO. REQ
MT-530	TRANSPORT SAFETY SHAFT	1
MT-531	MAIN BEAM ATTACHMENT SHAFT •	1
MT-532	SEEDLING STORAGE CONTAINER •	2
MT-533	CYLINDER LIFT PIN 1"X 10"W/KEY&WASHER	1
MT-534	RETAINER WASHER	1
MT-535	CYLINDER GUIDE BUSHING •	2
MT-536	HYDRAULIC CYLINDER	1
MT-537	CYLINDER BOTTOM ATTACHMENT PIN W/KEY	1
MT-538	MANUAL PUMP HOSE •	1
MT-539	3/8" PUMP-TO-CYLINDER HYDRAULIC HOSE	1
MT-540	PIONEER FEMALE #40735 QUICK DISCONNECT	1
MT-541	HYDRAULIC HOSE 6' W/1/2" MALE ENDS	1
MT-542	TRACTOR LYNCH PIN	?
MT-543	ATTACHMENT SHAFT 1-1/2" X 17"	1
MT-544	RETAINER KEY 3/8" FOR # 543	3
MT-545	MAIN BEAM & FOOT TRANSPORT BAR	1
MT-546	REMOVABLE SEAT PEDESTAL	2
MT-547	1/2" SEAT BOLT COMPLETE	2
MT-548	HIGHWAY REMOVABLE TOW HITCH	1
MT-549	RACK & PINION JACK W/WHEEL 750-LSB-11041	1
MT-550	HAND-OPERATED HYDRAULIC PUMP	1
MT-551	PUMP REPAIR KIT	1
MT-552	PIONEER # 40737 MALE QUICK DISCONNECT	1
MT-553	1/2" STUD BOLTS • 1-1/4" LONG • SAE	12
MT-554	1/2"X4"SPINDLE RETAINER BOLTS COMPLETE	2
MT-555	HEAVY DUTY SPINDLE • RIGHT OR LEFT	2
MT-556	HUB WITH BEARING CUPS • ONLY • 6-LUG	1 OR 2
MT-557	OUTER BEARING CUP - 6-LUG	1 OR 2
MT-558	OUTER BEARING • 14137A • 6-LUG	1 OR 2
MT-559	SPINDLE NUT, WASHER, KEY • 6-LUG	1 OR 2
MT-560	INNER SEAL • 0201180 • 6-LUG	1 OR 2
MT-561	INNER BEARING • 342A • 6-LUG	1 OR 2
MT-562	INNER CUP • 332 • 6-LUG	1 OR 2
MT-563	HUB CAP(KNOCK-IN TYPE)0608034-6-LUG	1 OR 2
MT-564	HUB COMPLETE WITH SPINDLE	1 OR 2
MT-565	6-LUG ROAD WHEEL • 15" FOR # 556 HUB	2
MT-566	700 X 15 TRUCK TIRE	2
MT-567	700 X 15 TUBE	2
MT-568	HYDRAULIC CYLINDER TIE ROD	1
MT-569	PACKING KIT ONLY FOR HYD CYL.#568	1
MT-570	1/2"X 8' HYDRAULIC HOSE WITH 1/2"ENDS	2
MT-571	1" THICK PLANTING FOOT FOR USE IN GUMBO	1
MT-580	SUPER SOD SCALPER FLANGE SPINDLE # MT-600 WITH HUB	1 OR 2
MT-600	FLANGE SPINDLE FOR DISC • 5-HOLE • FOR SUPER SOD SCALPER	2



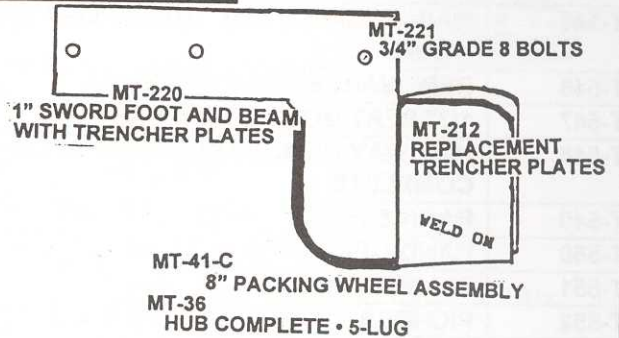
**SPECIAL REPLACEMENT PARTS
FOR MODEL ST-630 TRANSPLANTER
1" THICK HIGH CARBON TRENCHER FOOT
USING 1/2" X 32" COULTER ASSEMBLY MT-301**



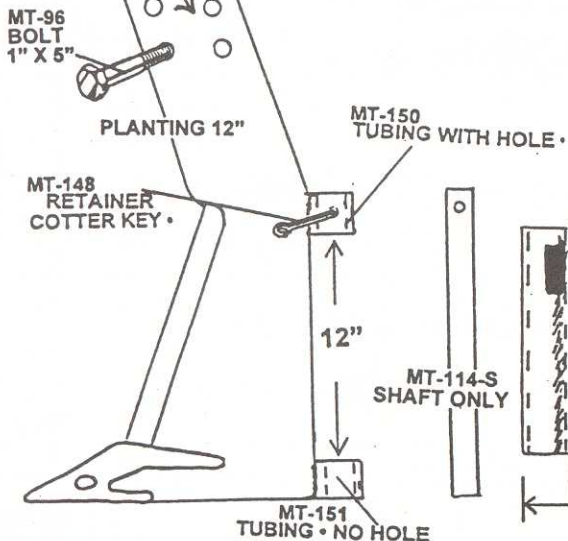
MANUAL TRANSPLANTER



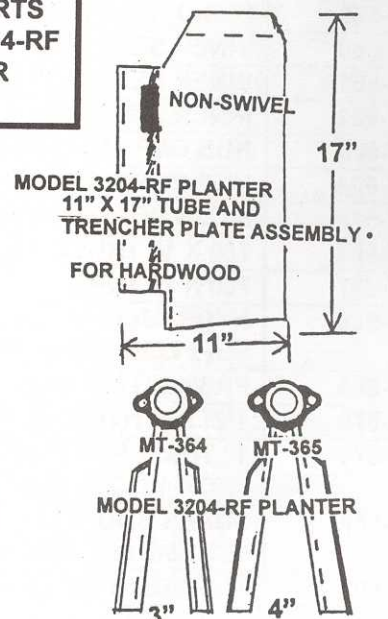
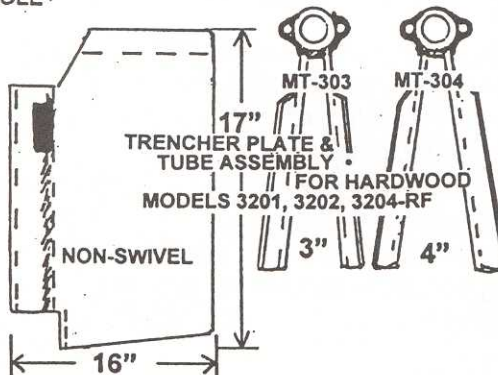
**SPECIAL REPLACEMENT PARTS
FOR STRIP MINE SWORD PLANTER AND
MODEL 'E' OR 'L' TRANSPLANTERS**



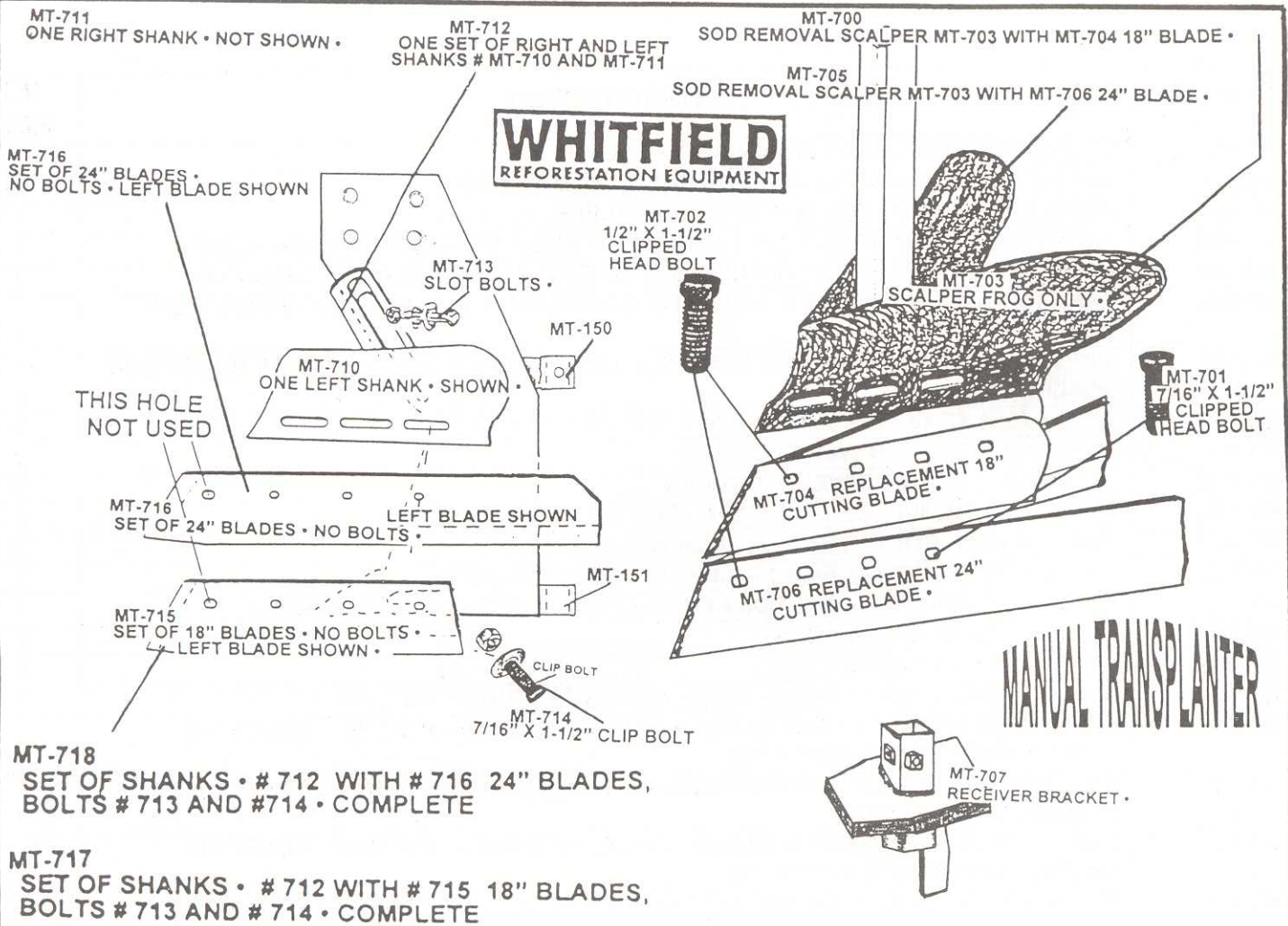
MT-302
FOOT & TUBINGS ASSEMBLY
MODELS 3201, 3202, 3204-RF



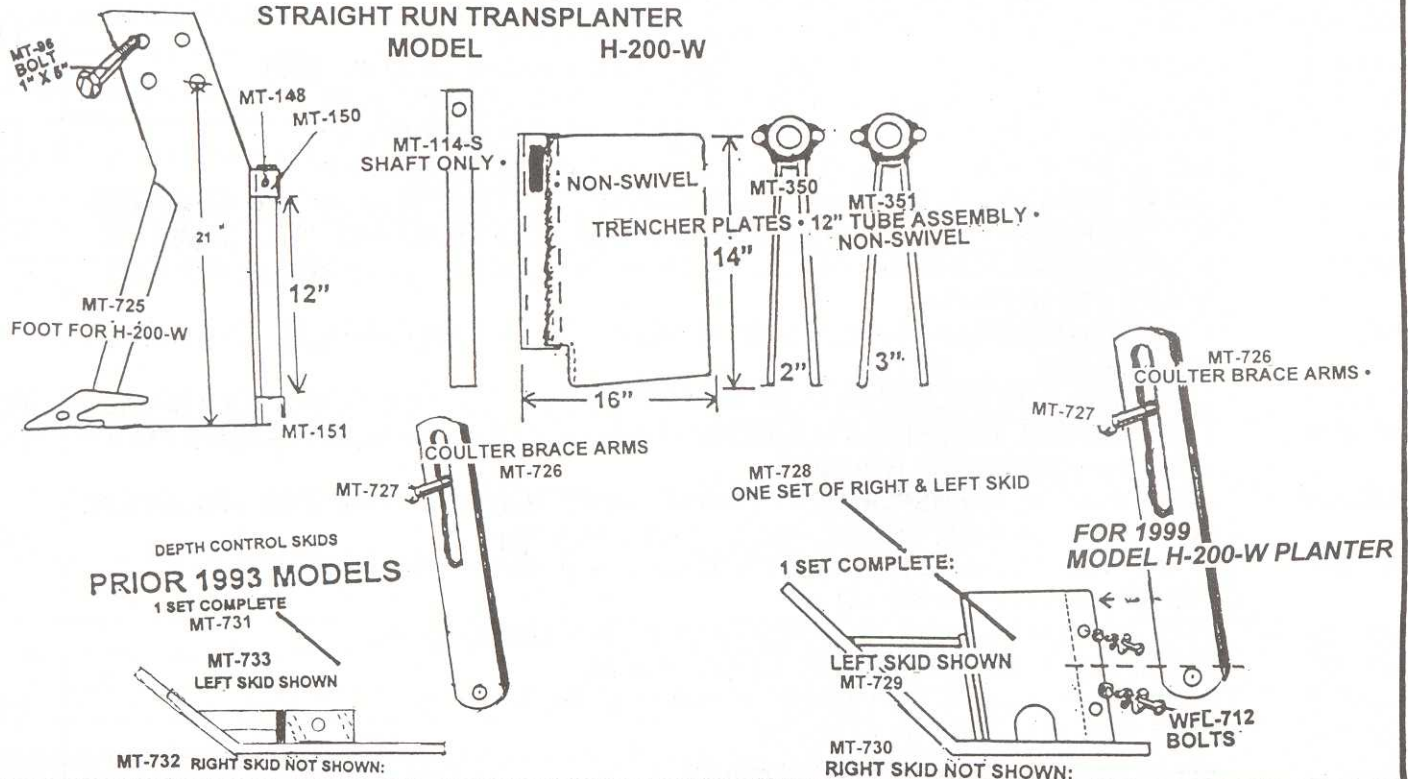
**SPECIAL REPLACEMENT PARTS
FOR MODELS 3201, 3202 & 3204-RF
USING 1/2" X 32" COULTER
ASSEMBLY MT-301**



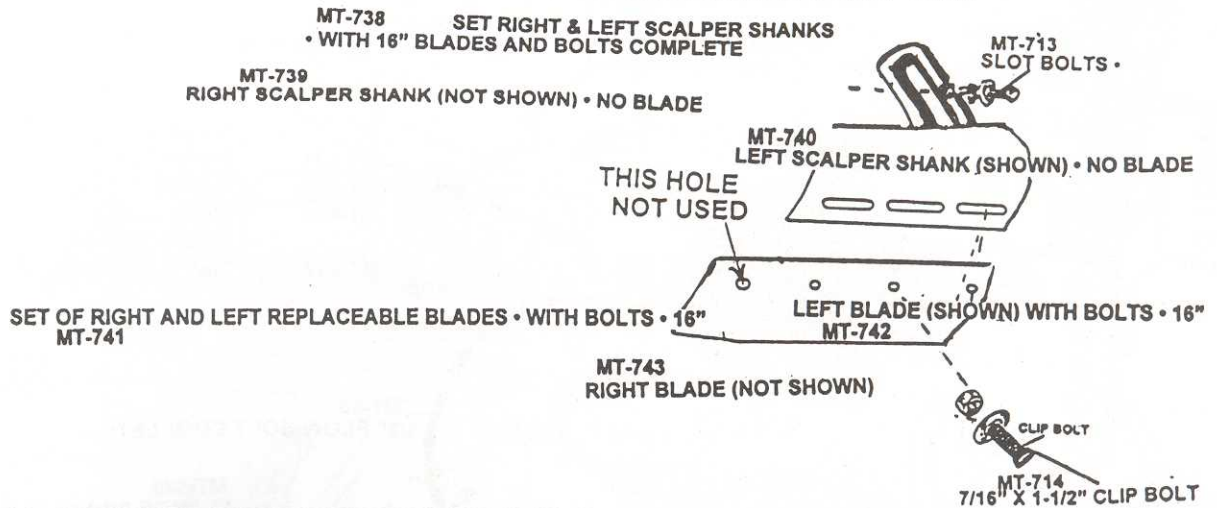
PART#	DESCRIPTION	NO. REQ
MT-601	20" X 5 HOLE DISC • FOR SUPER SOD SCALPER	2
MT-602	1/2" PLOW BOLT COMPLETE	10
MT-603	PLOW DEPTH SKID FOR SUPER SOD SCALPER	1
MT-604	FRONT 3/4" X 5-1/2" HINGE BOLT	1
MT-605	ADJUSTMENT BAR TO ADJUST HEIGHT OF SKID	1
MT-606	REAR HINGE BOLT • 3/4" X 3"	1
MT-607	3/4" TOP LINK & ADJUSTMENT PIN	2
MT-630	15" X 4-LUG TRAILER ROAD WHEEL	2
MT-631	15" ROAD TIRE • FOR WEL-T TRAILER	2
MT-632	15" ROAD TUBE • FOR WEL-T TRAILER	2
MT-633	15" TIRE, TUBE, WHEEL COMPLETE	2
MT-634	SPINDLE WITH BOLT • TRAILER	2
MT-635	TIE-DOWN PLANTER TURNBUCKLE	3
MT-700	COMPLETE SCALPER •	1
MT-701	7/16" X 1-1/2" CLIP HEAD BOLT	6
MT-702	1/2" X 1-1/2" CLIP HEAD BOLT	2
MT-703	SCALPER FROG ONLY •	1
MT-704	USE MT-715 18" BLADE ONLY - ONE RIGHT OR LEFT	1
MT-705	SOD REMOVAL SCALPER	1
MT-706-24	UNIT: REPLACEMENT 24" CUTTING BLADE • CASE HARDENED • WELDED - READY TO INSTALL WITH BOLTS # 701	1
MT-706-18	UNIT: REPLACEMENT 18" CUTTING BLADE - WELDED - READY TO INSTALL	1
MT-707	RECEIVER BRACKET •	1
MT-710	ONE LEFT SHANK NO BLADES OR BOLTS	1
MT-711	ONE RIGHT SHANK NO BLADES OR BOLTS	1
MT-712	ONE SET OF RIGHT AND LEFT SHANKS	1 SET
MT-713	SLOT BOLTS 3/4" GR 8 BOLT NUT F/W, L/W	2
MT-714	BLADE BOLTS 7/16" X 1-1/2" CLIP BOLT	6
MT-715	18" BLADE ONLY - ONE RIGHT OR LEFT	1 EA
MT-716	24" BLADE ONLY - ONE RIGHT OR LEFT	1 EA
MT-717	SET OF SHANKS #712 W/#715 18" BLADES	1 SET
MT-718	SET OF SHANKS #712 W/#716 24" BLADES	1 SET
MT-720	4-LUG HUB COMPLETE	2
MT-721	4-LUG HUB WITH BEARING CUPS	2
MT-722	1/2" WHEEL LUG BOLTS FOR HUBS •	4 OR 8
MT-723	4-LUG MANUAL TRANSPLANTER PACKING WHEEL HUB • WITH BEARING CUPS ONLY • WITH THREADED STUD HOLES	1 OR 2
MT-724	4-LUG MANUAL TRANSPLANTER PACKING WHEEL HUB WITH THREADED STUD HOLES • COMPLETE WITH MT-161, 160, 722, 10, 11, 12, 14, & 15	1 OR 2
MT-725	2" THICK HI-CARBON STEEL FOOT	1
MT-726	COULTER BRACE ARMS SLOTTED 1" X 4"	2
MT-727	CLAMP BOLT COMPLETE 3/4" X 3-1/2" GRADE 8	4
MT-728	ONE SET (RIGHT & LEFT SKIDS COMPLETE)	1 SET
MT-729	LEFT SKID (SHOWN) • WITH BOLTS	1
MT-730	RIGHT SKID (NOT SHOWN) • WITH BOLTS	1



REPAIR PARTS
STRAIGHT RUN TRANSPLANTER
MODEL H-200-W

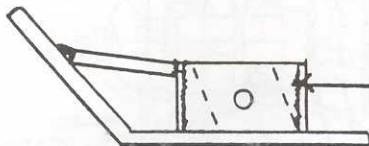


SOD SCALPERS FOR MODEL 5200 'ONLY'



NEW FOR 1999 FOR SEMI-AUTOMATICS AND MODEL H-200-W PLANTERS

MT-750
1999 DEPTH CONTROL SKIDS
1 SET



MT-751	RIGHT DEPTH SKID • ONE-BOLT TYPE • (SHOWN)
MT-752	LEFT DEPTH SKID • ONE-BOLT TYPE • (NOT SHOWN)

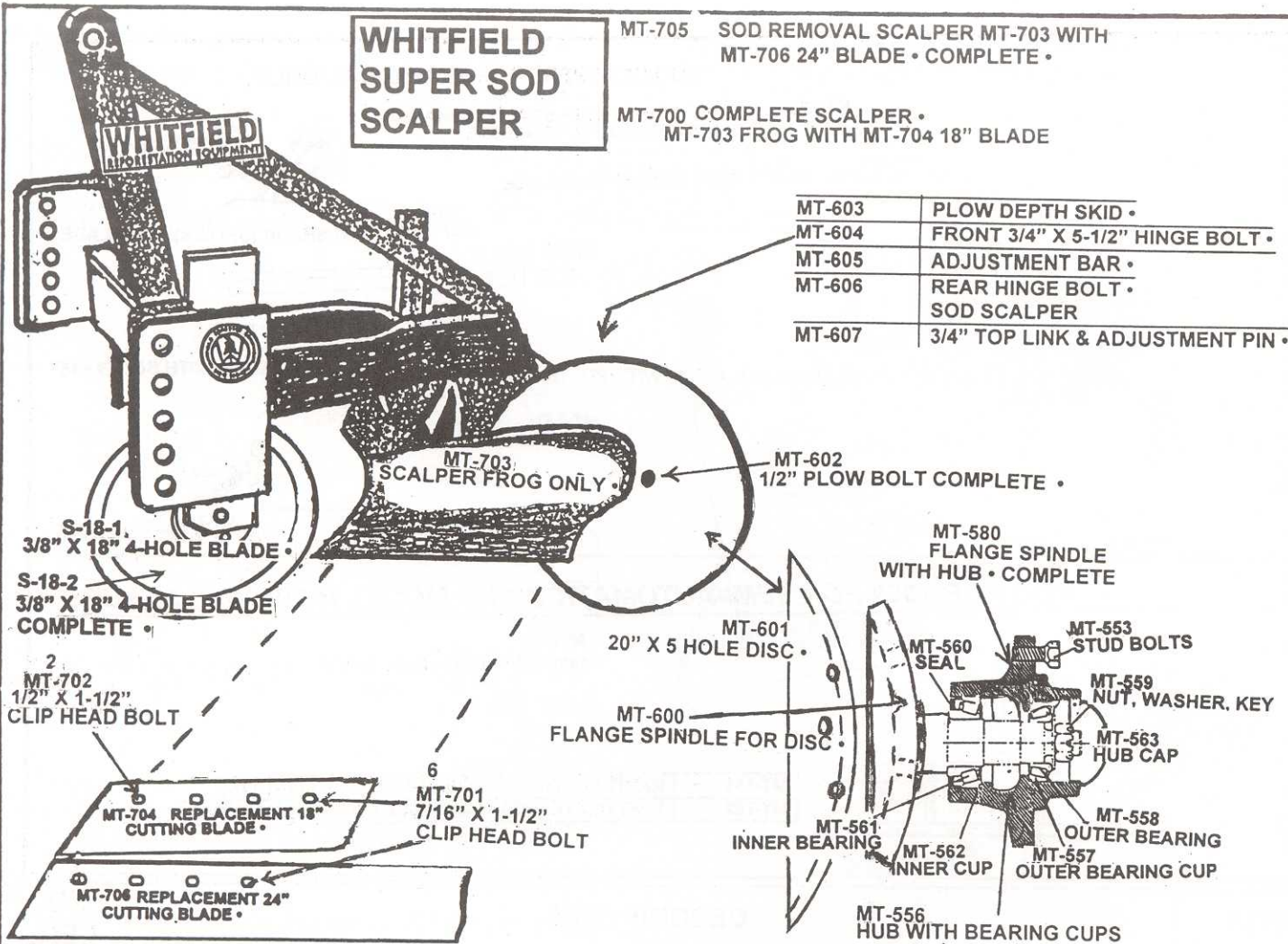
PART#	DESCRIPTION	NO. REQ.
MT-731	SET OF DEPTH SKIDS • MOUNTS ON COULTER SPINDLE BOLT	1 SET
MT-732	RIGHT SKID ONLY (NOT SHOWN)	1
MT-733	LEFT SKID ONLY (SHOWN)	1
SOD SCALPERS FOR MODEL 5200 'ONLY'		
MT-738	SET RIGHT & LEFT SCALPER SHANKS • WITH 16" BLADES AND BOLTS COMPLETE	1 SET
MT-739	RIGHT SCALPER SHANK (NOT SHOWN) • NO BLADE	1
MT-740	LEFT SCALPER SHANK (SHOWN) • NO BLADE	1
MT-741	SET OF RIGHT AND LEFT REPLACEABLE BLADES • WITH BOLTS • 16"	1 SET
MT-742	LEFT BLADE (SHOWN) WITH BOLTS • 16"	1
MT-743	RIGHT BLADE (NOT SHOWN) • WITH BOLTS • 16"	1
MT-714	CLIP HEAD BOLTS	6
NEW FOR 1999 FOR SEMI-AUTOMATICS AND MODEL H-200-W PLANTERS		
MT-750	1999 DEPTH CONTROL SKIDS FOR SEMI-AUTOMATIC AND MODEL H-200-W TRANSPLANTERS • MOUNTS ON COULTER SPINDLE BOLTS ON THESE MODELS	1 SET
MT-751	RIGHT DEPTH SKID • ONE-BOLT TYPE • (SHOWN)	1
MT-752	LEFT DEPTH SKID • ONE-BOLT TYPE • (NOT SHOWN)	1

WHITFIELD SUPER SOD SCALPER

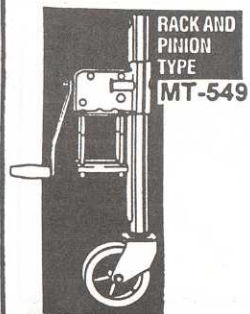
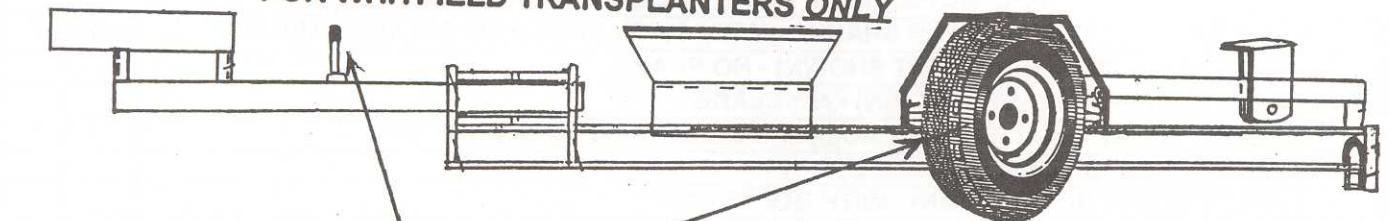
MT-705 SOD REMOVAL SCALPER MT-703 WITH
MT-706 24" BLADE • COMPLETE •

MT-700 COMPLETE SCALPER •
MT-703 FROG WITH MT-704 18" BLADE

MT-603	PLOW DEPTH SKID •
MT-604	FRONT 3/4" X 5-1/2" HINGE BOLT •
MT-605	ADJUSTMENT BAR •
MT-606	REAR HINGE BOLT • SOD SCALPER
MT-607	3/4" TOP LINK & ADJUSTMENT PIN •



MODEL WEL-T WHITFIELD EASY-LOAD SAFETY TRAILER FOR WHITFIELD TRANSPLANTERS ONLY

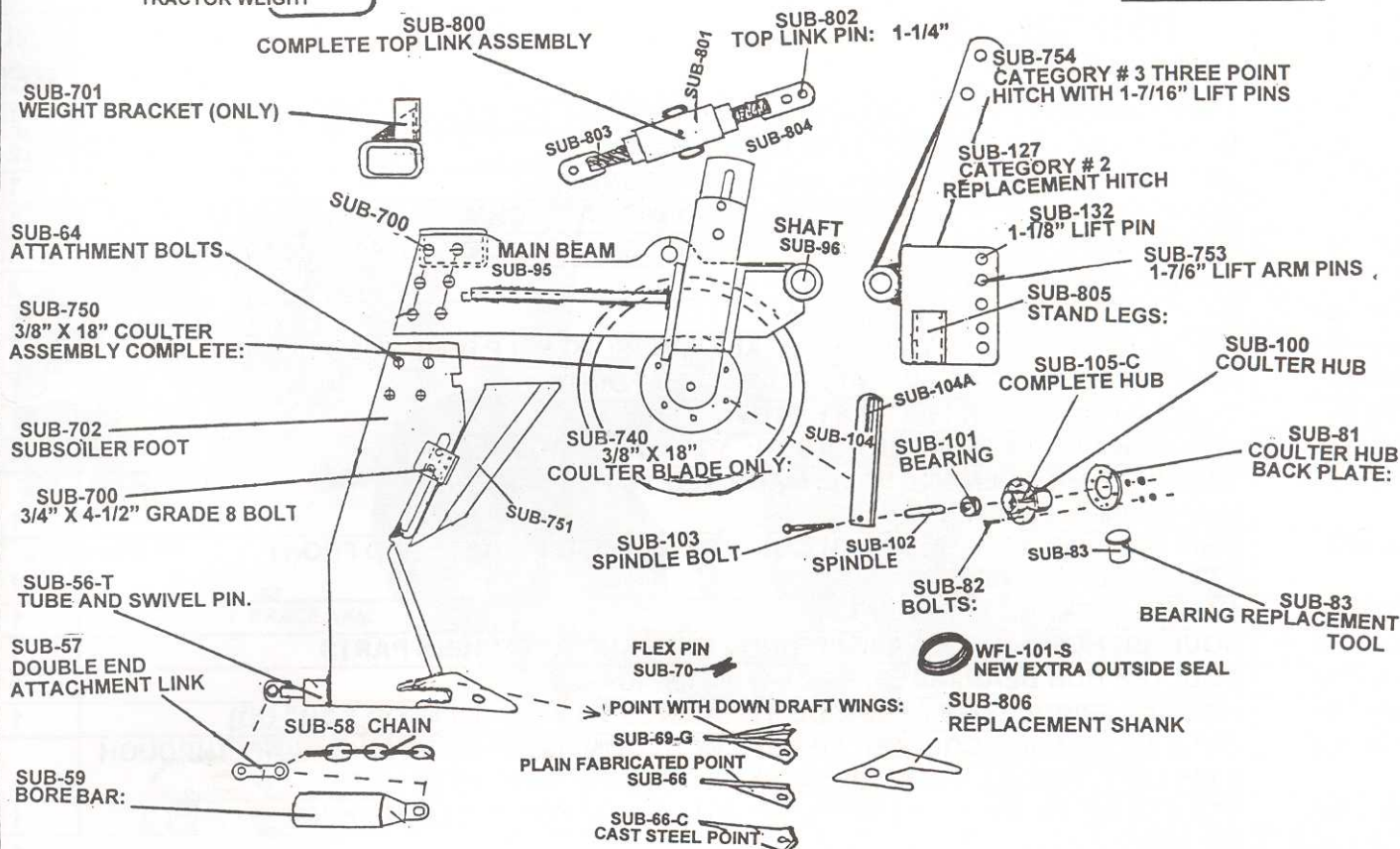




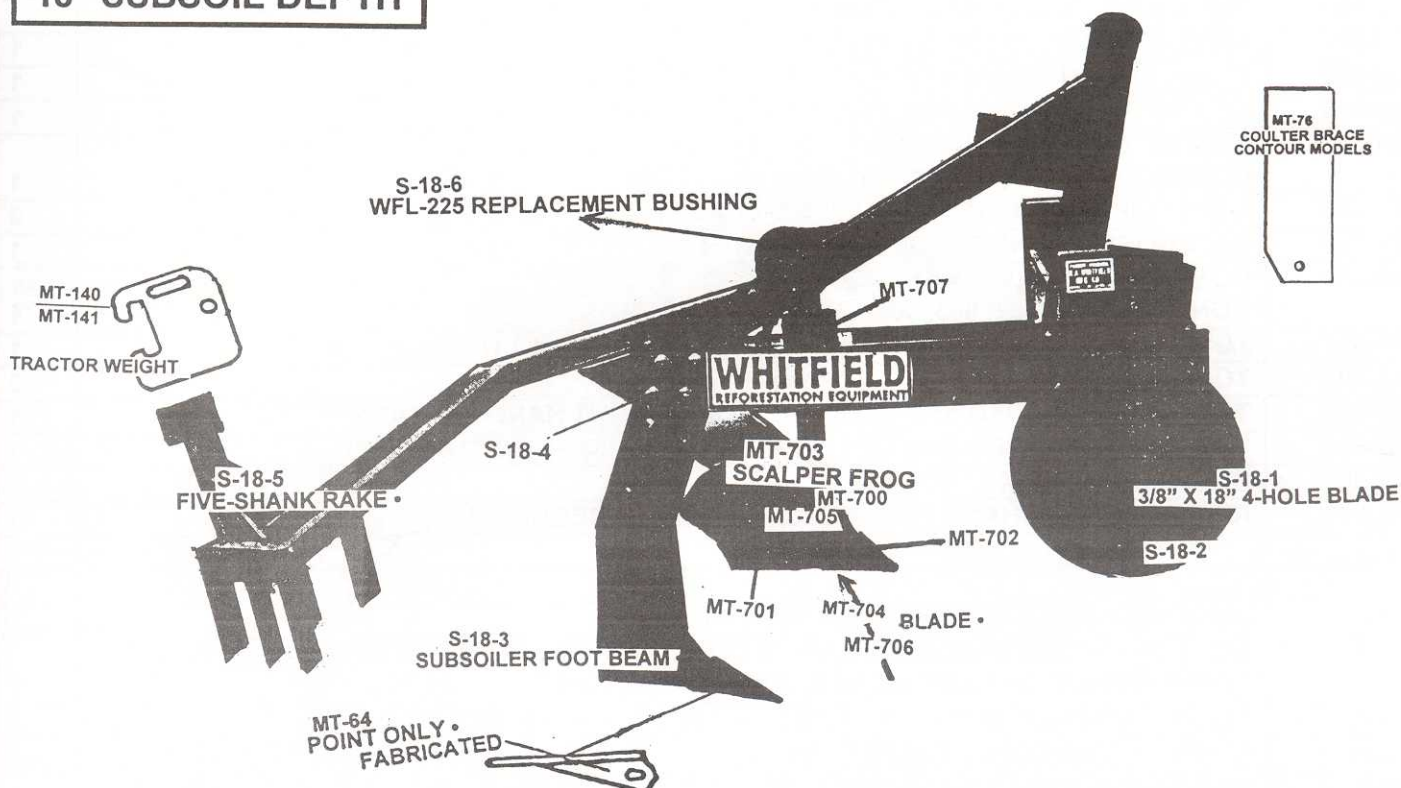
TRACTOR WEIGHT

SUBSOILERS 36" SUBSOIL BEAM

**MODEL S-5
AND
MODEL S-6**



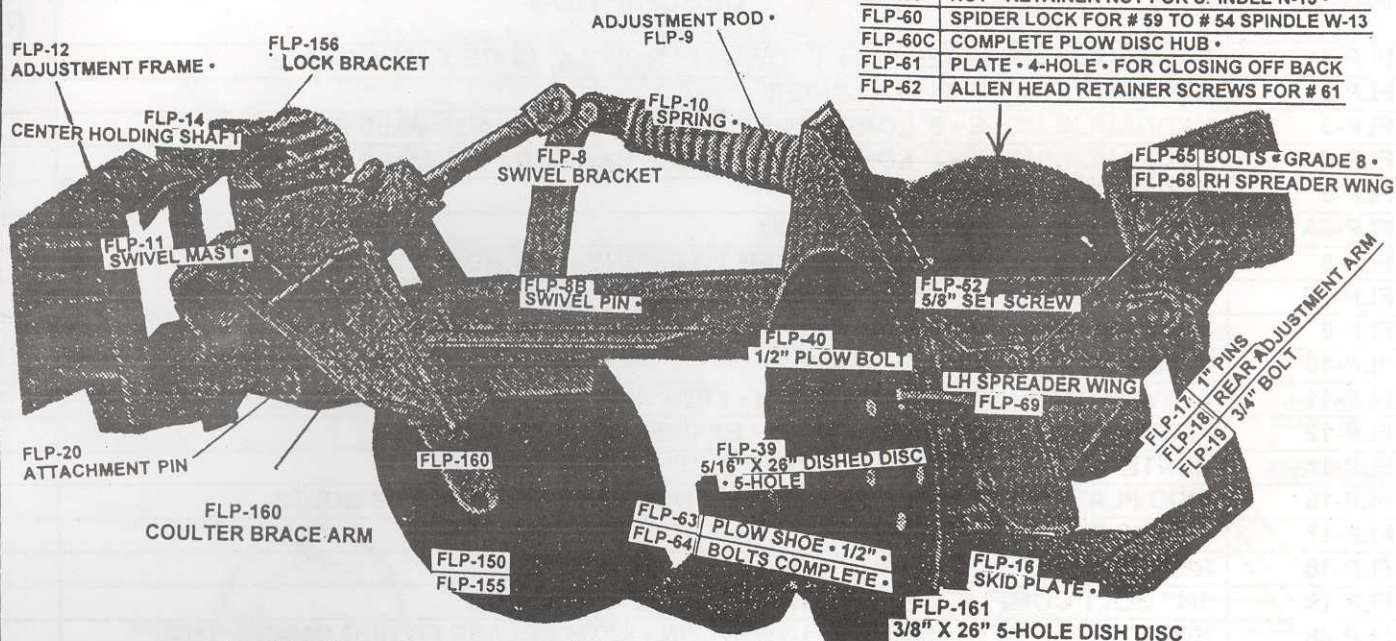
MODEL S-18 18" SUBSOIL DEPTH



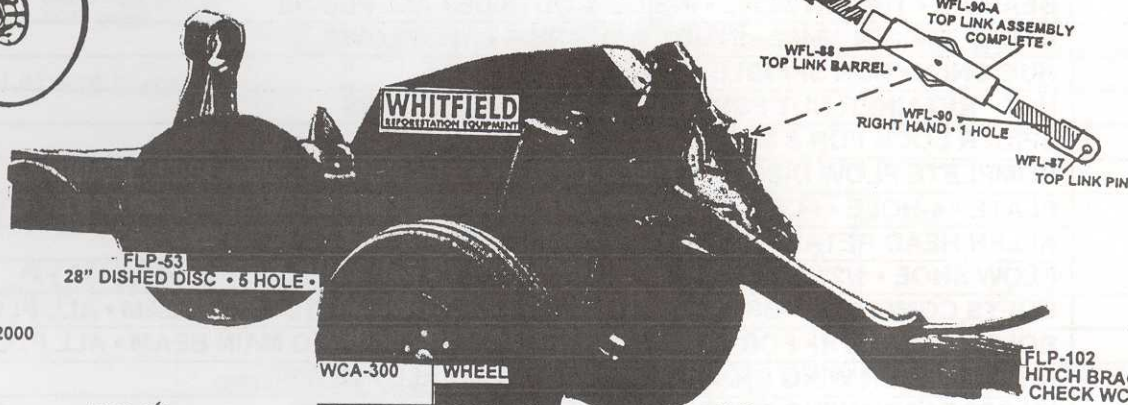
SUBSOILER PARTS		
PART#	DESCRIPTION	NO. REQ
SUB-56-T	TUBE AND SWIVEL PIN.LEFT DEPTH SKID	1
SUB-57	DOUBLE END ATTACHMENT LINK W/PINS&KEYS	2
SUB-58	3/8"GR.8 CHAIN SECTION(8 LINK SECTION)	1
SUB-59	TUNNEL GROUND MOLE BORE BAR:	1
SUB-64	ATTACHMENT BOLTS COMPLETE:	4
SUB-66	PLAIN FABRICATED POINT	2
SUB-66-C	CAST STEEL POINT (HEAVY DUTY)	1
SUB-69-G	FAB POINT W/DOWN DRAFT WINGS	1
SUB-70	FLEX PIN FOR ATTACHING ALL POINTS	1
SUB-81	COULTER HUB BACK PLATE: 6 HOLES	1
SUB-82	COULTER HUB ATTACHMENT BOLTS	6
SUB-83	BEARING REPLACEMENT TOOL	1
SUB-95	MAIN BEAM EB-450 STEEL WITH COULTER BRACE BRACKETS AND FRONT ATTACHMENT TUBING	1
SUB-96	1-15/16" ATTACHMENT SHAFT	1
SUB-100	COULTER HUB WITH GREASE FITTING ONLY	1
SUB-101	COULTER HUB BEARING	2
SUB-102	HOLLOW SPINDLE ONLY	1
SUB-103	3/4"X10" GRADE 8 COULTER SPINDLE BOLT	1
SUB-104	1"X4"X20"EB-450 STEEL COULTER BRACE ARM	1
SUB-104-A	3/4" GRADE 8 LOCK BOLTS COMPLETE	4
SUB-105-C	COMPLETE HUB ASSEMBLY	1
SUB-127	CATEGORY #2 REPLACEMENT HITCH W/1-1/8" LIFT PIN	1
SUB-132	1-1/8" LIFT PIN - CATEGORY # 2	2
SUB-700	3/4"X4-1/2"GRADE 8 BOLT WITH LOCKNUT	2
SUB-701	WEIGHT BRACKET (ONLY)	1
SUB-702	2" EB-450 STEEL SUBSOILER	1
SUB-740	1/2" X 18" COULTER BLADE ONLY 6-HOLE	1
SUB-750	1/2" X 18" COULTER ASSEMBLY COMPLETE	1
SUB-753	1-7/16" LIFT ARM PINS FOR CATEGORY # 3	2
SUB-754	CATEGORY #3 3-POINT HITCH W/LIFT PINS	1
SUB-800	COMPLETE TOP LINK ASSEMBLY -	1
SUB-801	TOP LINK CENTER SECTION ONLY	1
SUB-802	TOP LINK PIN: 1-1/4"	2
SUB-803	TOP LINK THREADED END W/1-HOLE(RH THREADS)	1
SUB-804	TOP LINK THREADED END W/2-HOLES(LH THREADS)	1
SUB-805	STAND LEGS: 2" X 2" TUBING	2
SUB-806	REPLACEMENT SHANK FOR POINTS WELDING REQ.	1
S-18-1	3/8"X18" 4-HOLE BLADE • HI-CARBON STEEL	1
S-18-2	3/8"X18" 4-HOLE BLADE WITH MT-75 HUB	1
S-18-3	SUBSOILER FOOT BEAM • 30" LONG	1
S-18-4	SUB-64 ATTACHMENT BOLTS COMPLETE	4
S-18-5	FIVE-SHANK RAKE 1/2" CARBON BLADES	1
S-18-6	WFL-225 REPLACEMENT BUSHING	1

FLP-1	HYDRAULIC CYLINDER • ALL PLOWS • 2" ROD X 4" BORE X 12" STROKE
FLP-2	REPAIR KIT FOR FLP-1 CYLINDER
FLP-3	HYDRAULIC HOSE • 8' LONG • 1/2" DOUBLE BRAIDED • 1/2" MALE FITTINGS
FLP-4	HYDRAULIC HOSE • 7' LONG • 1/2" DOUBLE BRAIDED • 1/2" MALE FITTINGS
FLP-5	1" CYLINDER PIN
FLP-5A	HYDRAULIC CYLINDER YOKE END

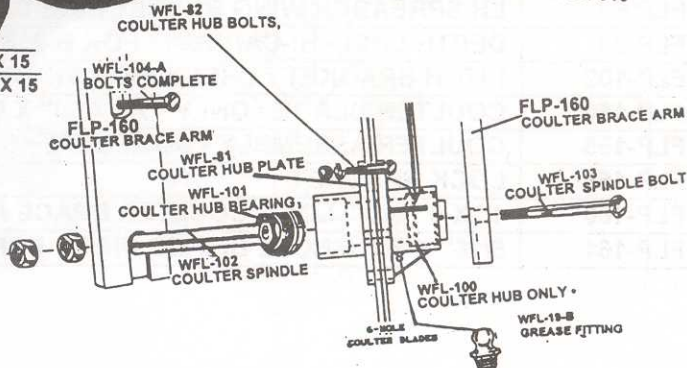
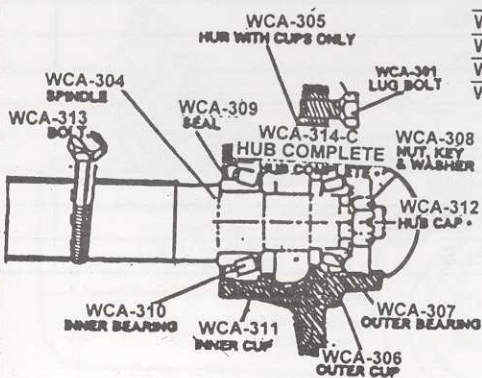
FLP-54	HEAVY DUTY FLANGE & SPINDLE ASSEMBLY
FLP-55	SEAL • C/R 36364 • FOR ALL PLOWS
FLP-56	BEARING • TIMKEN 33262 •
FLP-57	RACE • TIMKEN 33462 •
FLP-58	HUB ONLY • FOR SPINDLE # 54
FLP-59	NUT • RETAINER NUT FOR SPINDLE N-13 •
FLP-60	SPIDER LOCK FOR # 59 TO # 54 SPINDLE W-13
FLP-60C	COMPLETE PLOW DISC HUB •
FLP-61	PLATE • 4-HOLE • FOR CLOSING OFF BACK
FLP-62	ALLEN HEAD RETAINER SCREWS FOR # 61



REPAIR PARTS FOR LIFT & TOW TYPE FIRE LINE PLOWS # 1500 • # 2000 AND # B-228

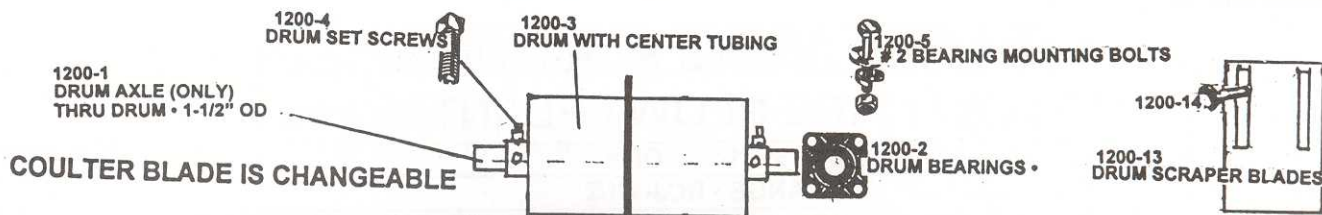


FLP-99
DEPTH SKID •
FOR B-228 & # 2000

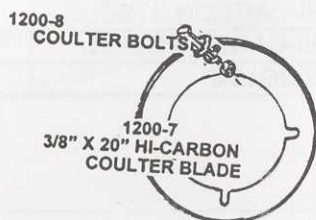
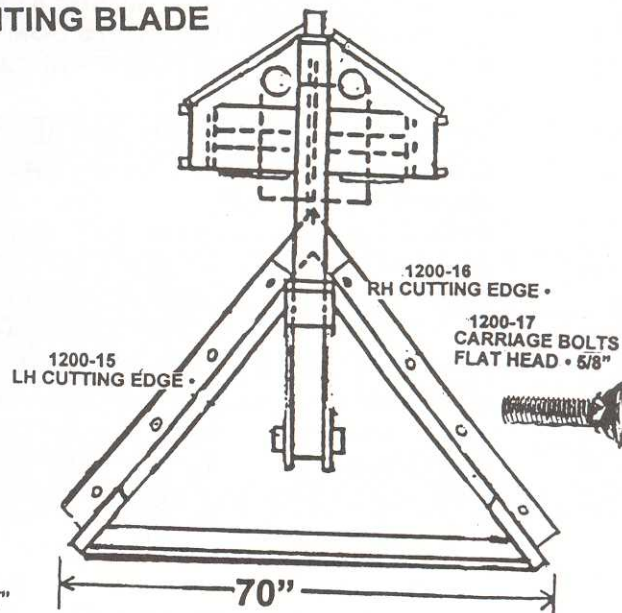
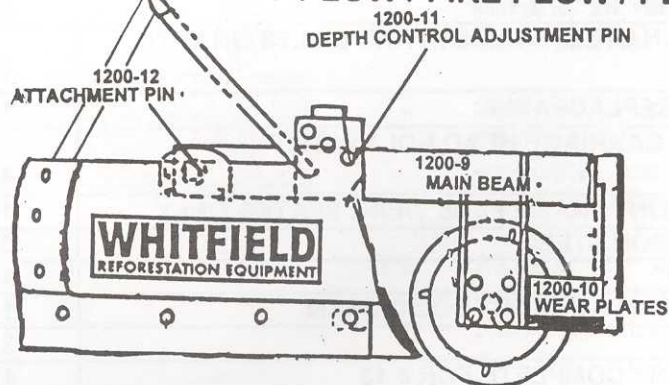


REPAIR PARTS FOR LIFT & TOW-TYPE FIRE LINE PLOWS
1500 ♦ # 2000 AND # B-223

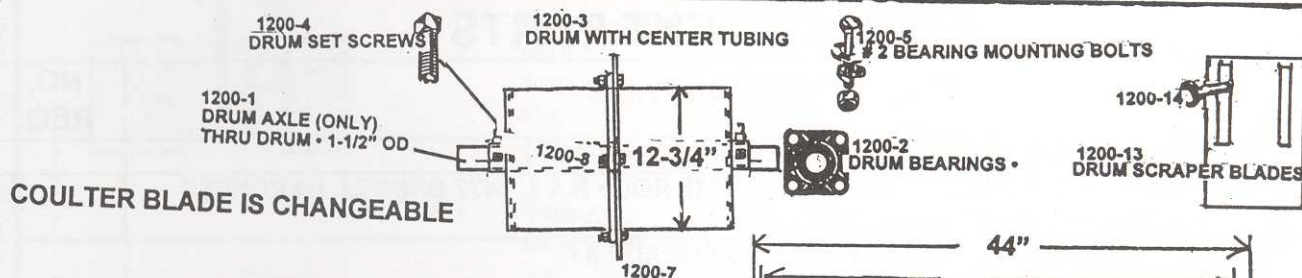
PART#	DESCRIPTION	NO. REQ
FLP-1	HYDRAULIC CYLINDER • ALL PLOWS	1
FLP-2	REPAIR KIT FOR FLP-1 CYLINDER	1
FLP-3	HYDRAULIC HOSE 8'LO 1/2"MALE FITTINGS	1
FLP-4	HYDRAULIC HOSE 7'LO.1/2"MALE FITTINGS	1
FLP-5	1" CYLINDER PIN	2
FLP-5A	HYDRAULIC CYLINDER YOKE END	1
FLP-8	SWIVEL BRACKET FROM CYLINDER TO SPRING	1
FLP-8B	SWIVEL PIN 1-1/2" W/GREASE FITTING	1
FLP-9	THREADED ADJ.ROD THRU SPRING W/NUTS	1
FLP-10	COMPRESSION SPRING • ONLY	1
FLP-11	SWIVEL MAST • CENTER OF HITCH • WITH CYLINDER & PLOW ATTACHMENT	1
FLP-12	FIRE PLOW ADJUSTMENT FRAME •	1
FLP-14	CENTER HOLDING SHAFT 1-15/16"X22" LO	1
FLP-16	SKID PLATE ADJUSTABLE W/MOUNTING BOLTS	1
FLP-17	1" PINS FOR SKID PLATES ATTACHMENT	3
FLP-18	REAR ADJUSTMENT ARM	1
FLP-19	3/4" BOLT COMPLETE	1
FLP-20	HORIZONTAL ATTACHMENT 1-15/16"PIN W/GREASE FITTING	1
FLP-39	7 GAUGE X 24" DISHED DISC • 5-HOLE	2
FLP-40	1/2" PLOW BOLT	10
FLP-52	5/8" SET SCREW	4
FLP-53	28" DISHED DISC • 5 HOLE •	2
FLP-54	HEAVY DUTY FLANGE & SPINDLE ASSY	2
FLP-55	SEAL • C/R 36364 • FOR ALL PLOWS	2
FLP-56	BEARING TIMKEN 33262	4
FLP-57	RACE • TIMKEN 33462	4
FLP-58	HUB ONLY • FOR SPINDLE # 54	2
FLP-59	NUT • RETAINER NUT FOR SPINDLE N-13	2
FLP-60	SPIDER LOCK	2
FLP-60C	COMPLETE PLOW DISC HUB	2
FLP-61	PLATE • 4-HOLE	2
FLP-62	ALLEN HEAD RETAINER SCREWS	8
FLP-63	PLOW SHOE 1/2" HI-CARBON ALL PLOWS	1
FLP-64	BOLTS COMPLETE • GRADE 8	2
FLP-65	BOLTS • GRADE 8 •	8
FLP-68	RH SPREADER WING BRACKET	1
FLP-69	LH SPREADER WING BRACKET	1
FLP-99	DEPTH SKID HI-CARBON FOR B-228 ߐ	1
FLP-102	HITCH BRACKET CHECK WCA-315	1
FLP-150	COULTER BLADE ONLY 1/2" X 24" X 6-HOLE	1
FLP-155	COULTER ASSEMBLY • COMPLETE	1
FLP-156	LOCK BRACKET	1
FLP-160	1" X 4" x 24" LONG COULTER BRACE ARM	2
FLP-161	5/16" X 26" 5-HOLE DISHED DISC	2



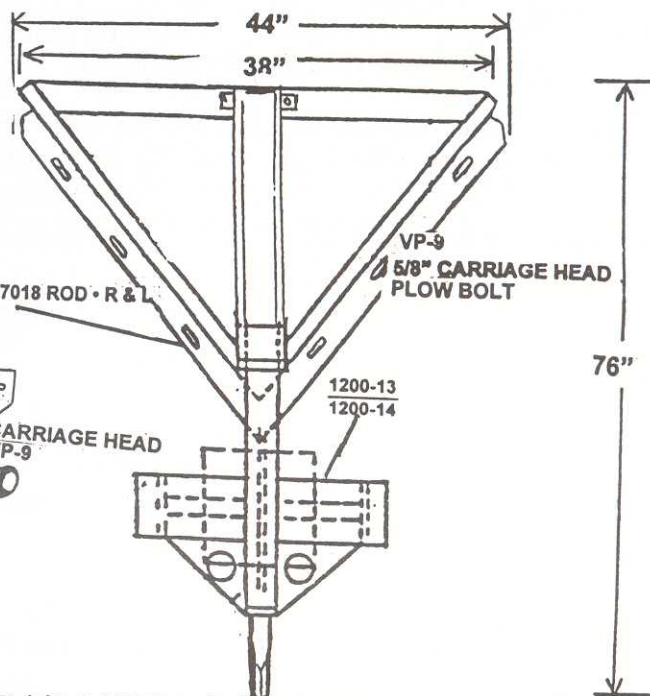
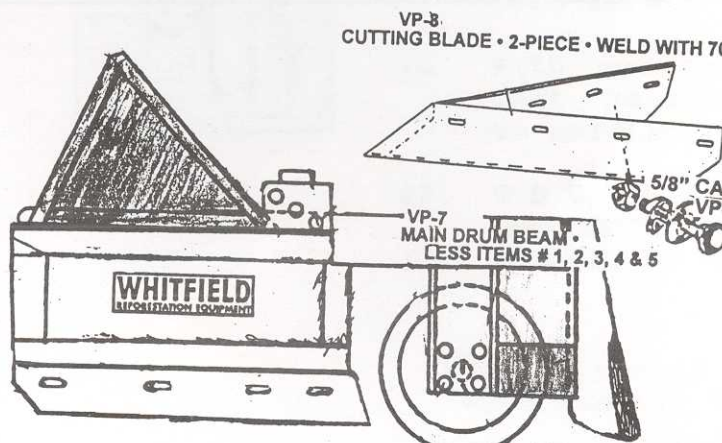
REPAIR PARTS FOR MODEL 1200 V-PLOW / FIRE PLOW / PLANTING BLADE



V-PLOWS ARE SOLD WITHOUT TRACTOR MOUNTING HITCHES.



900 V-PLOW - FIRE PLOW REPLACEMENT PARTS



V-PLOWS ARE SOLD WITHOUT TRACTOR MOUNTING HITCHES.

**REPAIR PARTS FOR MODEL 1200
V-PLOW/ FIRE PLOW/ PLANTING BLADE**

PART#	DESCRIPTION	NO. REQ
1200-1	DRUM AXLE (ONLY) THRU DRUM • 1-1/2" OD	1
1200-2	DRUM BEARINGS 4-BOLT FLANGE	2
1200-3	DRUM WITH CENTER TUBING	1
1200-4	DRUM SET SCREWS • 1/2" GRADE 8	4
1200-5	#2 BRG MOUNTING BOLTS COMPLETE	8
1200-6	REPLACEMENT "NOSE POINT"	1
1200-7	3/8" X 20" HI-CARBON COULTER BLADE	1
1200-8	COULTER BOLTS • 1/2" X 1-3/4" •	4
1200-9	MAIN BEAM • SOLID • 3-1/2" X 6" • WITH FRONT FRAME PLUS WEAR PLATES ONLY	1
1200-10	WEAR PLATES 3/4"X7-1/2"X21"	2
1200-11	DEPTH CONTROL ADJUSTMENT PIN • 1-1/2"	1
1200-12	ATTACHMENT PIN • 1-15/16"	1
1200-13	DRUM SCRAPER BLADES • ADJUSTABLE	2
1200-14	1/2" CARRIAGE HEAD ATTACHMENT BOLTS	4
1200-15	LH CUTTING EDGE 1/2"X8"X48" LONG	1
1200-16	RH CUTTING EDGE 1/2"X8"X48" LONG	1
1200-17	FLAT HEAD CARRIAGE BOLTS 5/8"COMPLETE	8

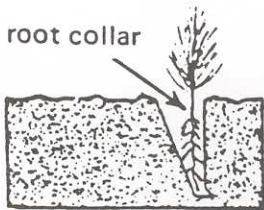
**# 900 V-PLOW – FIRE PLOW
REPLACEMENT PARTS**

PART#	DESCRIPTION	NO. REQ
VP-7	MAIN DRUM BEAM •	1
VP-8	CUTTING BLADE • 2-PIECE • (SET ONLY)	1
VP-9	BOLTS, NUTS, WASHERS • BLADE BOLTS	6

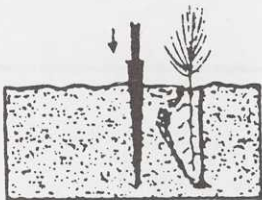
V-PLOWS ARE SOLD WITHOUT TRACTOR MOUNTING HITCHES. A FLAT 3/4" PLATE IS MOUNTED ON REAR TO LET PURCHASER FURNISH MOUNTING ARMS AND BRACKETS. WHITFIELD CAN SUPPLY HITCH AT AN EXTRA CHARGE UPON REQUEST WHEN ORDERING A NEW MODEL 900-VP

HAND PLANTING INSTRUCTIONS

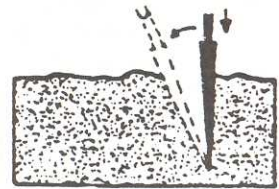
DIEHARD™ Root Dip is formulated as a bare root treatment



inoculate the roots of
bare root plants before planting.



#1 Insert blade straight down 10 to 12 inches as shown. Pulling back to create cavity.



#2 Remove blade or push forward to create a large enough cavity for long root systems.

#3 Placing seedling in cavity **"DO NOT"** J or L root or twist root system to fit short depths. The **"DDD"** Bar has sufficient penetration depth.



"DO NOT" prune roots of most plants - unless they are excessively long. Try to plant roots as deep as possible.

#4 Hold seedling at proper depth, Insert dibble behind seedling - Push forward closing seedling in area where placed.

#5 Insert **"DDD"** Bar down behind last hole, as deep as possible - pulling back on bar handle to close off air pocket at roots - Push forward to close off remainder of root system. Packing soil firmly.



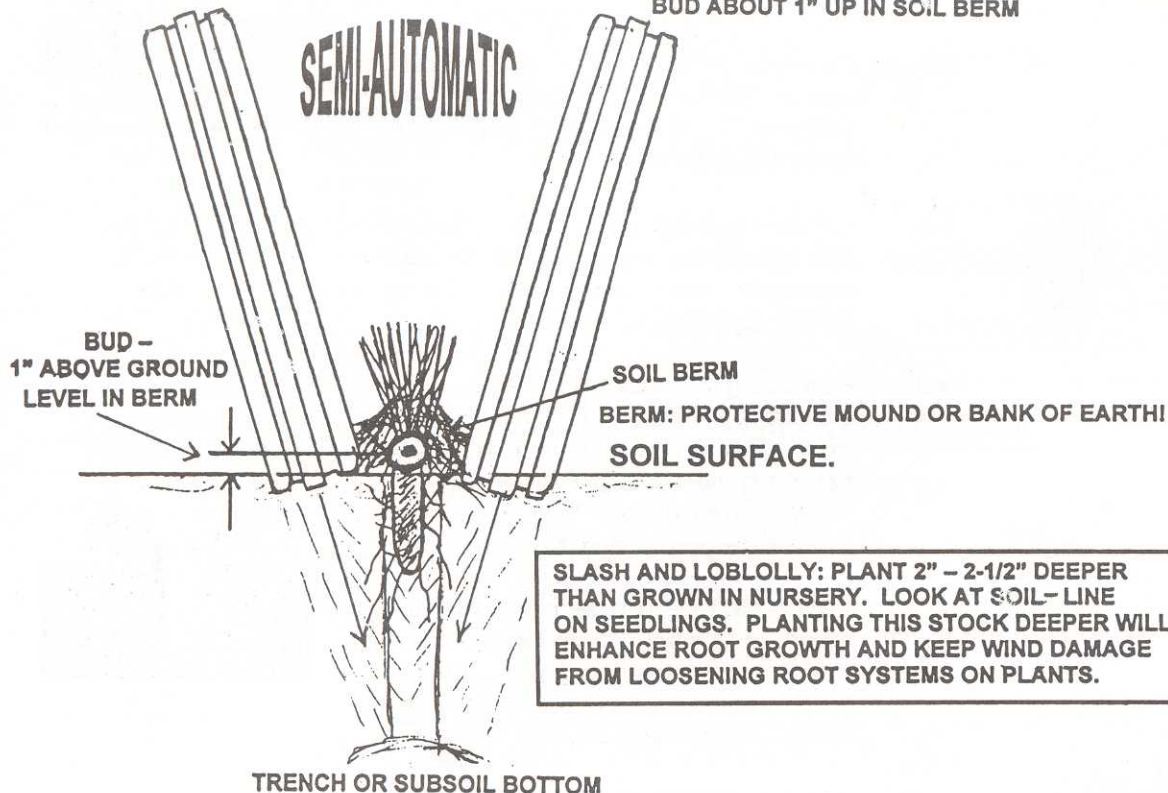
#6 With boot heel - close in last hole firmly - soil to seedling.

#7 **YOU HAVE JUST SUCCESSFULLY PLANTED A PRODUCT OF OUR FUTURE.**

Do not use if blades are worn shorter than 9 inches

SEMI-AUTOMATIC MACHINE PLANTING LONG LEAF

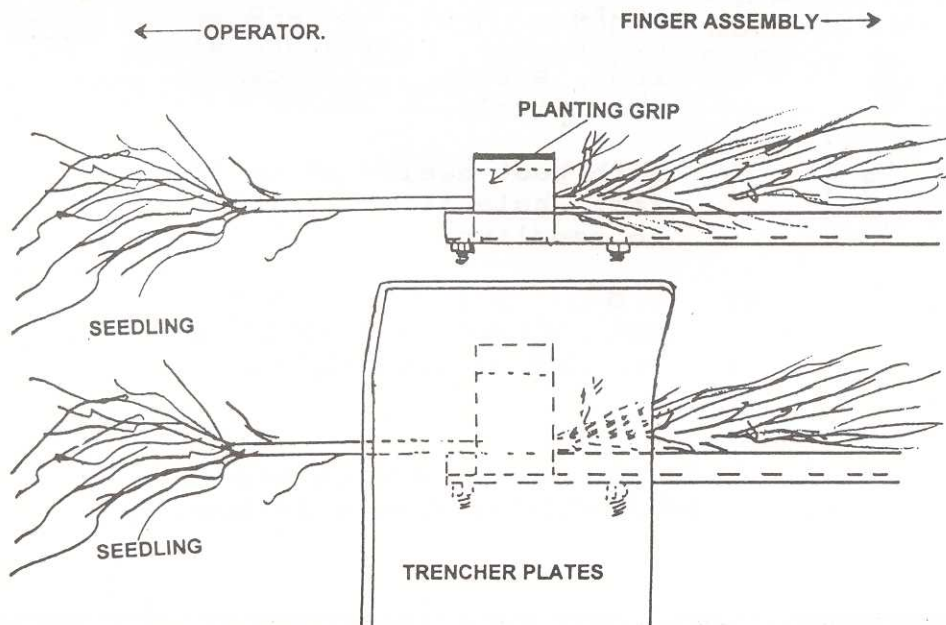
PLACE SEEDLING NEEDLES IN PLANTING POCKET
AT A PLACE THAT WILL LEAVE THE LONG LEAF
BUD ABOUT 1" UP IN SOIL BERM



SEMI-AUTOMATIC

PROPER PLANTING PROCEDURES FOR SEMI-AUTOMATIC TRANSPLANTERS

- PLACE TOP OF SEEDLING IN GRIP - HOLDING IT VERTICALLY. KEEP HOLDING IT UNTIL SEEDLING GRIP IS CLAMPED SHUT BY THE TRENCHER PLATES. THIS WILL ASSURE THAT THE PLANT IS BEING PLANTED VERTICALLY WITH SOIL SURFACE.
- DEPTH:
 - IF PLANTING TOO DEEP: PLACE PLANT'S FURTHER BACK TOWARD FINGER ASSEMBLY:
 - IF PLANTING TOO SHALLOW: REVERSE PROCESS - PULLING PLANTS TOWARD OPERATOR.



WHITFIELD MODEL S-39 BREAKAWAY SUBSOILER

APRIL, 2005

A	MODEL S-39 SUBSOILER COMPLETE TO BE USED IN CRANK AXLE (NO SOD SCALPER) (NO THREE POINT HITCH) (NO BRACE BAR)	
B	MODEL S-39 SUBSOILER COMPLETE WITH THREE POINT HITCH (NO SOD SCALPER)	
C	MODEL S-39 SUBSOILER COMPLETE WITH THREE POINT HITCH AND SCALPER	
D	ONE SET OF SOD SCALPERS: CONSISTS OF #'S S-39-1, S-39-2, S-39-3 AND S-39-4 BOLTS & S-39-18 BOLTS	



REPAIR PARTS FOR MODEL S-39 BREAKAWAY SUBSOILER

PART#	DESCRIPTION	NO REQ	PRICE EA
S-39-1	WFL-3057 LEFT HAND SHANK ARM	1	
S-39-2	WFL-3058 RIGHT HAND SHANK ARM	1	
S-39-3	REPLACEABLE 32" CUTTING EDGE 'WELDED V-SHAPED' WITH (6) BOLTS · 1 PC.	1	
S-39-4	BOLTS FOR CUTTING EDGE · 7/16" X 1-1/2" CLIP HEAD BOLTS	6	
S-39-5	S-39 SUBSOILER BEAM · HIGH CARBON · NO POINT	1	
S-39-6	MAIN BEAM · 3/4" HIGH CARBON STEEL	1	
S-39-7	WFL-716 · 1" HOLDING BOLT · GRADE 8 · COMPLETE	1	
S-39-8	WFL-132 · 1" BREAKAWAY PIN (ONLY)	2	
S-39-9	7/16" LYNCH PIN FOR # 8 BREAK-AWAY PIN	2	
S-39-10	1/2" X 18" COULTER BLADE · 6 HOLES · HI-CARBON STEEL	1	
S-39-11	COULTER BRACE ARM · 1" X 4" X 24" LONG · HI-CARBON STEEL	2	
S-39-12	MT-750 DEPTH CONTROL SKIDS · (ONE SET)	1 SET	
S-39-13	MT-751 RIGHT DEPTH SKID	1	
S-39-14	MT-752 LEFT DEPTH SKID	1	
S-39-15	COMPLETE COULTER AND HUB ASSEMBLY · CONSISTS OF S-39-10 BLADE AND WFL-105C (COULTER HUB COMPLETE	1	
S-39-16	WFL-BB-200 · BRACE BAR · 27-1/2" PIN CENTERS · 1-1/4" PIN HOLES HI-CARBON STEEL	1	
S-39-17	1-1/4" BRACE PINS	2	
S-39-18	WFL-716 · 3/4" SLOT BOLTS	2	

PLEASE REFER TO FORESTLAND PARTS BEGINNING WITH 'WFL' FOR ADDITIONAL PARTS
OTHER POINTS WILL BE FOUND IN WFL-66 THRU 69G SERIES · HOLDING PIN FOR POINT – WFL-70
STANDARD THREE POINT HITCH LISTED AS WFL-127

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WHITFIELD MODEL S-39 BREAKAWAY SUBSOILER

SOD SCALPERS OPTIONAL

