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ЗАПЧАСТИ ДЛЯ ГЛУБОКОРЫХЛИТЕЛЕЙ SUNFLOWER 4010/4110/4212/4411/4510

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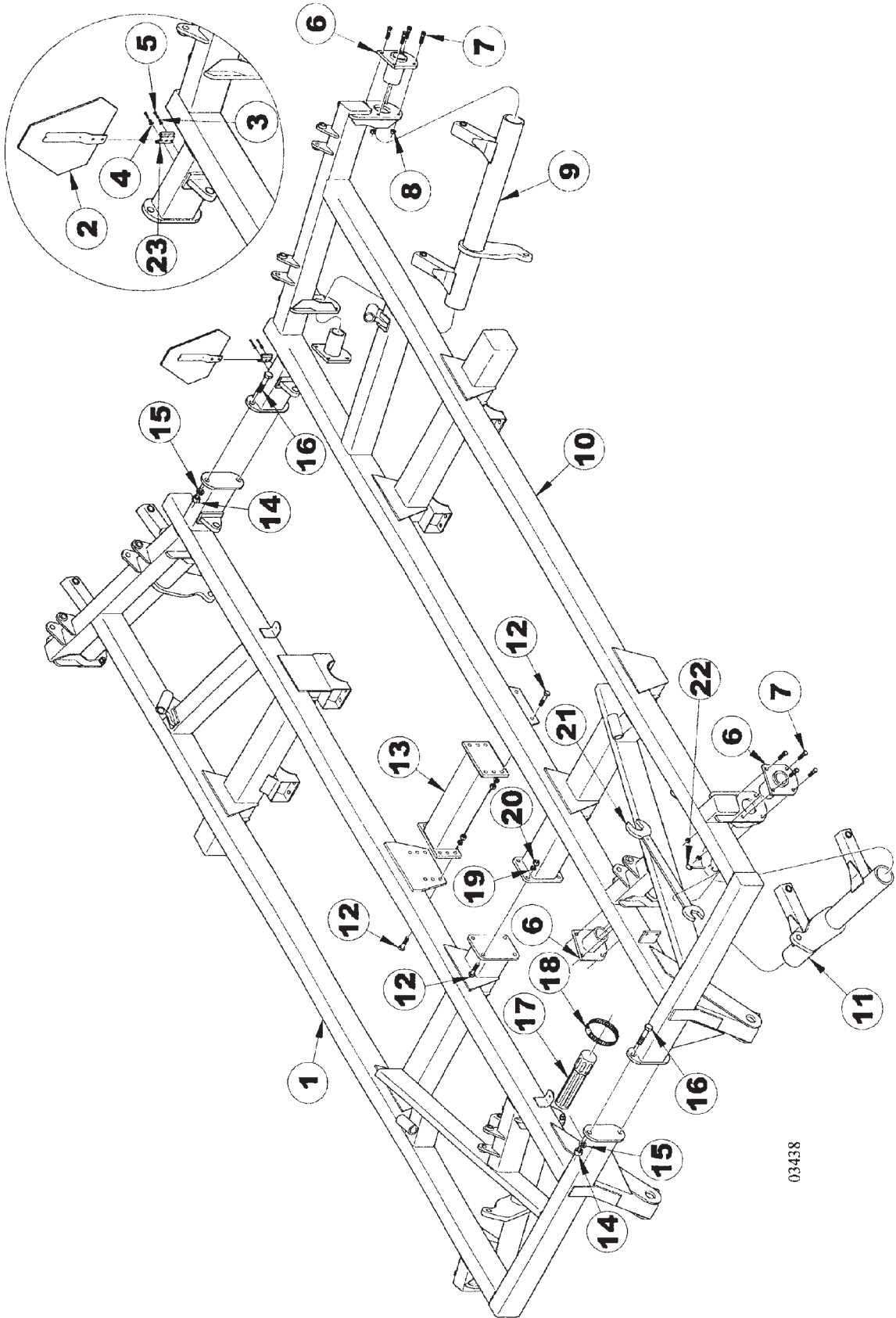
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5 SHANK FRAME ASSEMBLY



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4411 DISC RIPPER
SERVICE PARTS

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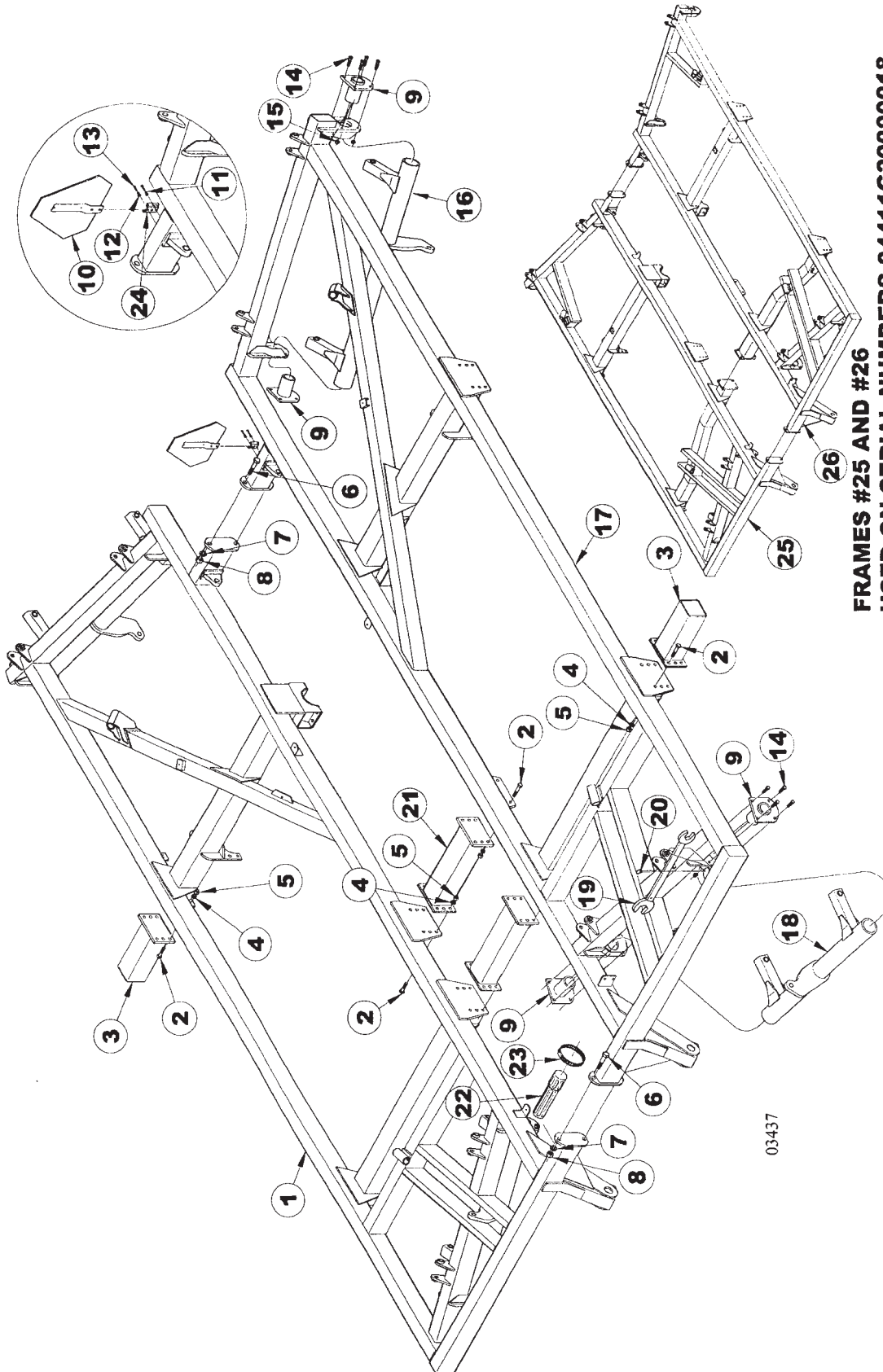
5 SHANK FRAME ASSEMBLY

ITEM	NUMBER	QTY	DESCRIPTION
1	SN9020		MAIN FRAME, 4411-05, RT
2	SN7001		SMV EMBLEM
3	SN506		FLAT WASHER, 1/4", Y/D
4	SN3881		LOCK NUT, 1/4"-20 HEX NYLON INSERT, GR 2, Y/D
5	SN2568		HEX BOLT, 1/4"-20 X 3/4", GR 5 Y/D
6	SN5130		LIFT BEARING
7	SN1298		HEX BOLT, 5/8"-11 X 2 1/2", GR 5, Y/D
8	SN669-1		LOCK NUT, 5/8" HEX NYLON INSERT, GR 5, Y/D
9	SN9091		GANG LIFT, LT RR, 5 SH
	SN9090		GANG LIFT, RT RR, 5 SH
10	SN9021		MAIN FRAME, 4411-05, LT
11	SN9089		GANG LIFT, LT FRT, 5 SH
	SN9088		GANG LIFT, RT FRT, 5 SH
12	SN1122		HEX BOLT, 3/4"-10 X 2 1/2", GR 5, Y/D
13	SN9039		SHANK MOUNT, CENTER
14	SN110		HEX NUT, 1"-8 FULL, GR 5, Y/D
15	SN1283		LOCK WASHER, 1" SPLIT TYPE MED, Y/D
16	SN1918		HEX BOLT, 1"-8 X 2 1/2", GR 5 Y/D
17	SN3750		OPERATOR'S MANUAL TUBE
18	SN3765		HOSE CLAMP, 3 1/2"
19	SN1040		LOCK WASHER, 3/4" SPLIT TYPE MED, Y/D
20	SN106		HEX NUT, 3/4"-10 FULL, GR 5, Y/D
21	SN6923R		WRENCH
22	SN6575		BALL LOCK PIN, 3/8" X 3 1/2" (3 1/8")
23	SN2566		SMV SOCKET

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PR: t05g30h47b0001

4411 DISC RIPPER
SERVICE PARTS

7 & 9 SHANK FRAME ASSEMBLY



**FRAMES #25 AND #26
USED ON SERIAL NUMBERS 04411G20000018
AND BEFORE**

03-437

**4411 DISC RIPPER
SERVICE PARTS**

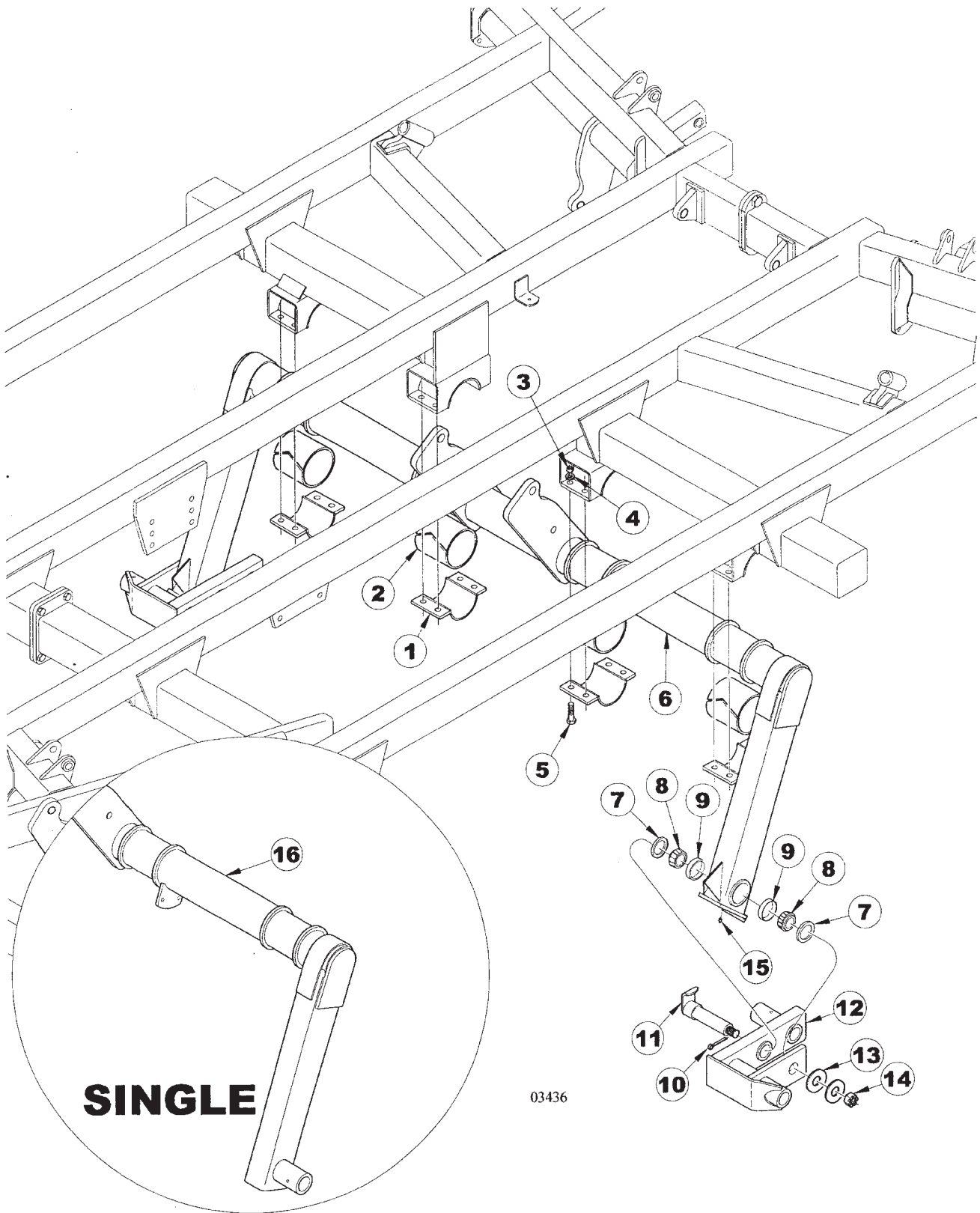
9

7 & 9 SHANK FRAME ASSEMBLY

ITEM	NUMBER	QTY	DESCRIPTION
1	SN9741		MAIN FRAME, 4411-0&09,RT (MACHINES WITH SN# 04411H20000019 & HIGHER)
2	SN1122		HEX BOLT, 3/4"-10 X 2 1/2", GR 5, Y/D
3	SN9038		SHANK EXTENSION, 16"
4	SN1040		LOCK WASHER, 3/4" SPLIT TYPE MED, Y/D
5	SN106		HEX NUT, 3/4"-10 FULL, GR 5, Y/D
6	SN1918		HEX BOLT, 1"-8 X 2 1/2", GR 5 Y/D
7	SN1283		LOCK WASHER, 1" SPLIT TYPE MED, Y/D
8	SN110		HEX NUT, 1"-8 FULL, GR 5, Y/D
9	SN5130		LIFT BEARING
10	SN7001		SMV EMBLEM
11	SN506		FLAT WASHER, 1/4", Y/D
12	SN3881		LOCK NUT, 1/4"-20 HEX NYLON INSERT, GR 2, Y/D
13	SN2568		HEX BOLT, 1/4"-20 X 3/4", GR 5 Y/D
14	SN1298		HEX BOLT, 5/8"-11 X 2 1/2", GR 5, Y/D
15	SN669-1		LOCK NUT, 5/8" HEX NYLON INSERT, GR 5, Y/D
16	SN9737		GANG LIFT, REAR, 7&9 SH (MACHINES WITH SN# 04411H20000019 & HIGHER)
	SN9094		GANG LIFT, LT RR, 7&9 SH (MACHINES WITH SN# 04411G20000018 & LOWER)
	SN9093		GANG LIFT, RT RR, 7&9 SH (MACHINES WITH SN# 04411G20000018 & LOWER)
17	SN9742		MAIN FRAME, 4411-07&09,LT (MACHINES WITH SN# 04411H20000019 & HIGHER)
18	SN9092		GANG LIFT, FRT, 7&9 SH
19	SN6923R		WRENCH, TONGUE ADJUSTMENT
20	SN6575		BALL LOCK PIN, 3/8" X 3 1/2" (3 1/8")
21	SN9039		SHANK MOUNT, CENTER
22	SN3750		OPERATOR'S MANUAL TUBE
23	SN3765		HOSE CLAMP, 3 1/2"
24	SN2566		SMV SOCKET
25	SN9022		MAIN FRAME, 4411-07&09,RT (MACHINES WITH SN# 04411G20000018 & LOWER)
26	SN9023		MAIN FRAME, 4411-07& 09,LT (MACHINES WITH SN# 04411G20000018 & LOWER)

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PR: t05g30h47b0002

5 SHANK MAIN LIFT ASSEMBLY



4411 DISC RIPPER
SERVICE PARTS

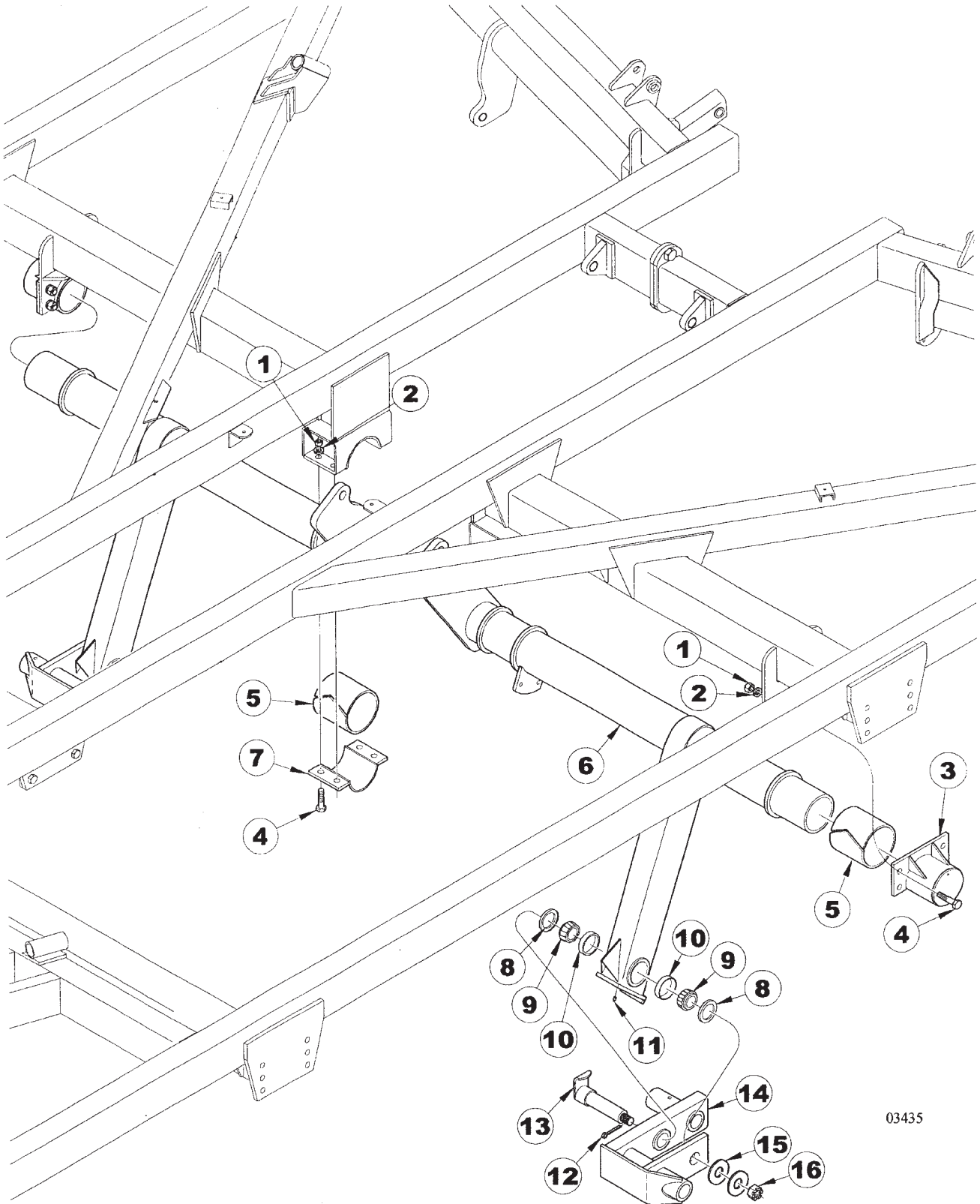
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5 SHANK MAIN LIFT ASSEMBLY

ITEM	NUMBER	QTY	DESCRIPTION
1	SN7329		BEARING CAP
2	SN7325		BEARING, LIFT (SPLIT) 6" WIDE
3	SN106		HEX NUT, 3/4"-10 FULL, GR 5, Y/D
4	SN1040		LOCK WASHER, 3/4" SPLIT TYPE MED, Y/D
5	SN1220		HEX BOLT, 3/4"-10 X 2", GR 5 Y/D
6	SN9085		LIFT, WALKING TANDEM, 5@30
7	SN3063		WALKING BEAM SEAL (NAT.204035 C/R 22870)
8	SN3061		WALKING BEAM BEARING (342A)
9	SN3062		WALKING BEAM RACE (332)
10	SN3066		COTTER PIN, 7/32" X 1 1/2"
11	SN3331		SPINDLE, 2" X 9 7/8" TANDEM PIVOT (USED WITH 7807R)
	SN3669		SPINDLE, 2" X 10 15/16" L TANDEM PIVOT (USED WITH 12452R)
12	SN7807		TANDEM PIVOT (VERSION 1)
	SN12452		TANDEM PIVOT (VERSION 2)
13	SN245		FLAT WASHER, 1" WIDE RIM, Y/D
14	SN2992		HEX NUT, 1"-14 FULL SLOTTED GR 2, Y/D
15	SN2098-5		GREASE ZERK, 1/8" NPTF, 1 1/4" L
16	SN9084		LIFT, SINGLE, 5@30

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PR: t05g30h47b0003

7 & 9 SHANK MAIN LIFT ASSEMBLY



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4411 DISC RIPPER
SERVICE PARTS

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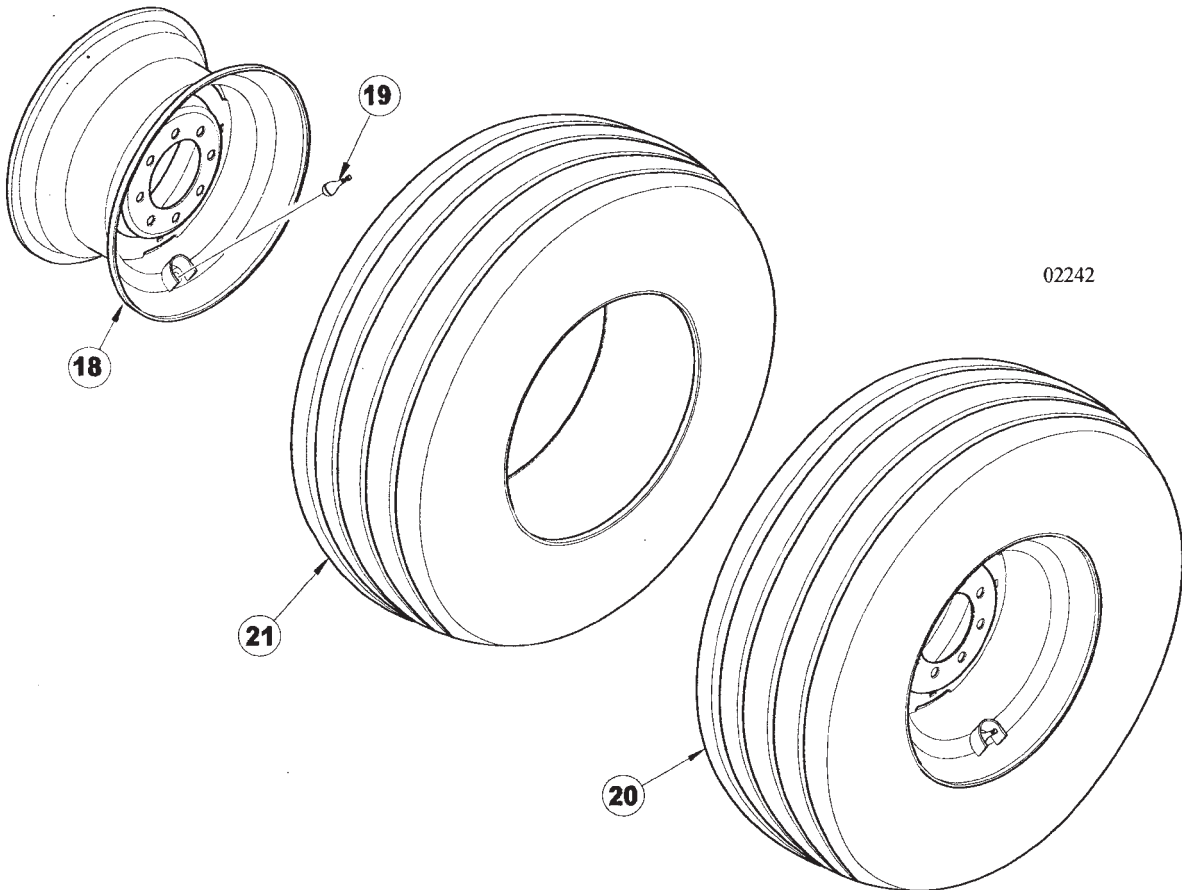
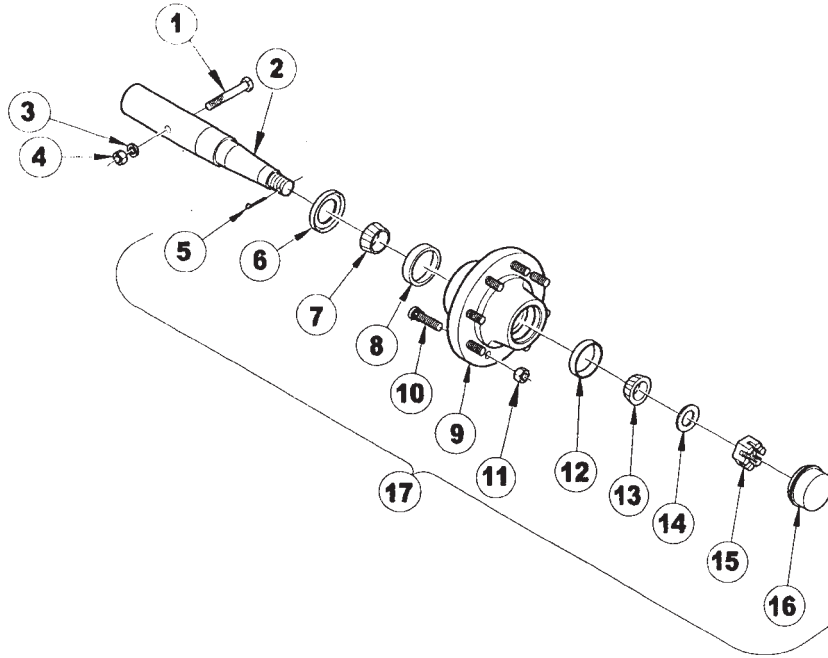
7 & 9 SHANK MAIN LIFT ASSEMBLY

ITEM	NUMBER	QTY	DESCRIPTION
1	SN106		HEX NUT, 3/4"-10 FULL, GR 5, Y/D
2	SN1040		LOCK WASHER, 3/4" SPLIT TYPE MED, Y/D
3	SN7335		BEARING CAP
4	SN1220		HEX BOLT, 3/4"-10 X 2", GR 5 Y/D
5	SN7325		BEARING, LIFT (SPLIT) 6" WIDE
6	SN9086		LIFT, WALKING TANDEM, 7@24 & 9@24
	SN9087		LIFT, WALKING TANDEM, 7@30
7	SN7329		BEARING CAP
8	SN3063		WALKING BEAM SEAL (NAT.204035 C/R 22870)
9	SN3061		WALKING BEAM BEARING (342A)
10	SN3062		WALKING BEAM RACE (332)
11	SN2098-5		GREASE ZERK, 1/8" NPTF, 1 1/4" L
12	SN3066		COTTER PIN, 7/32" X 1 1/2"
13	SN3331		SPINDLE, 2" X 9 7/8" TANDEM PIVOT (USED WITH 7807R)
	SN3669		SPINDLE, 2" X 10 15/16" L TANDEM PIVOT (USED WITH 12452R)
14	SN7807		TANDEM PIVOT (VERSION 1)
	SN12452		TANDEM PIVOT (VERSION 2)
15	SN245		FLAT WASHER, 1" WIDE RIM, Y/D
16	SN2992		HEX NUT, 1"-14 FULL SLOTTED GR 2, Y/D

I0003435
PR: t05g30h47b0004

4411 DISC RIPPER
SERVICE PARTS

SPINDLE & WHEEL ASSEMBLY - 5 SHANK
(SINGLE WHEEL LIFT)



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4411 DISC RIPPER
SERVICE PARTS

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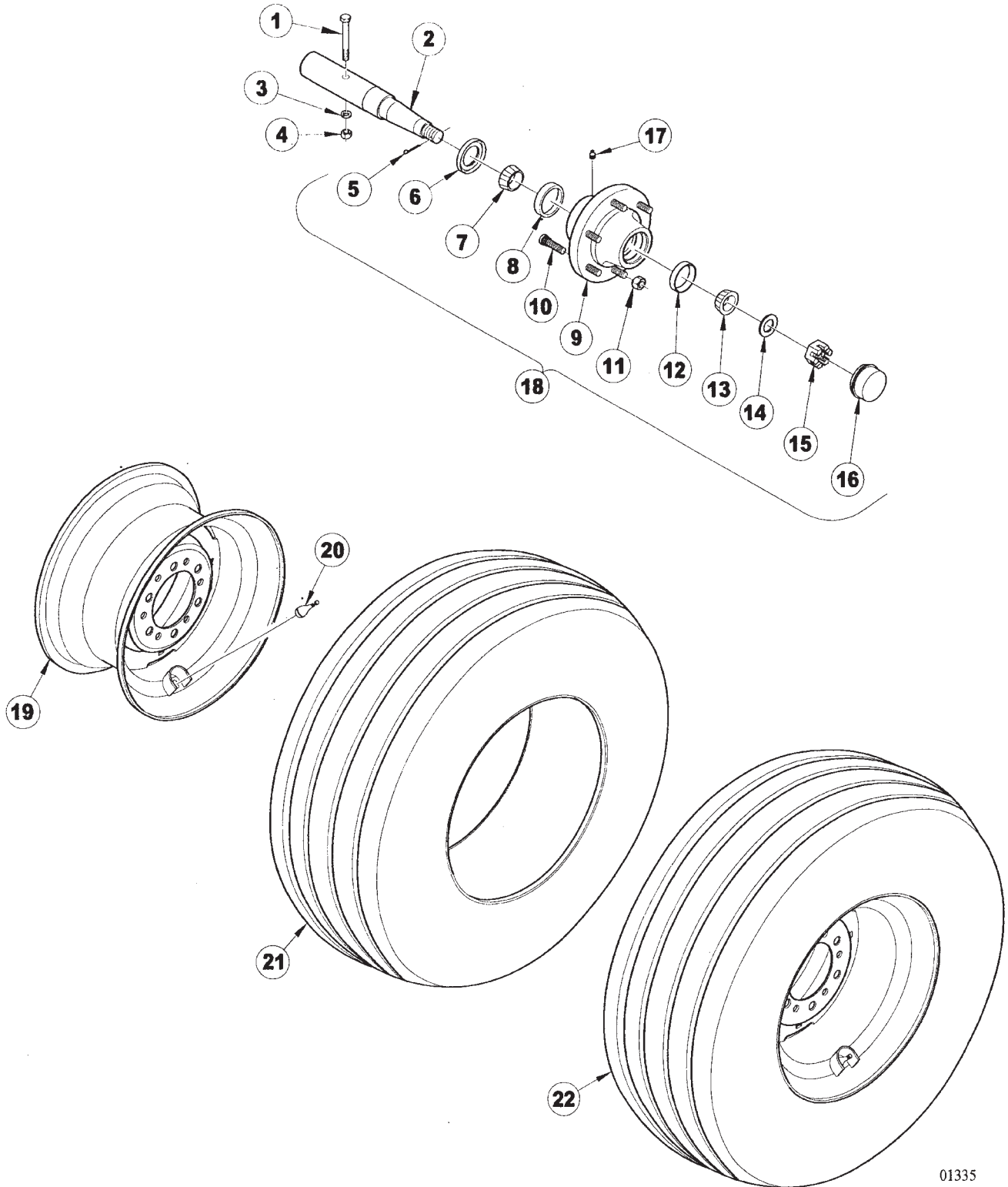
SPINDLE & WHEEL ASSEMBLY - 5 SHANK
(SINGLE WHEEL LIFT)

ITEM	NUMBER	QTY	DESCRIPTION
1	SN2569		7/16"-14 X 4", GR5 Y/D
2	SN3687		SPINDLE, 2 1/4" X 14"
3	SN302		LOCK WASHER, 7/16" SPLIT TYPE, MED, Y/D
4	SN303		HEX NUT, 7/16" - 14, FULL, GR 2, Y/D
5	SN3066		COTTER PIN, 7/32" X 1 1/2"
6	SN3301		TRIPLE LIP SEAL
7	SN3683		INNER BEARING(LM603049)
8	SN3684		INNER RACE (LM603011)
9	SN3685		EIGHT BOLT HUB, STUDDERED W/CUPS ZERK AND LUG NUTS, PLATED
10	SNFK340167		LUG BOLT, 5/8"-18 X 2 1/4"
11	SNFK340168		LUG NUT, 5/8"-18, GR 5, 90 DEG TAPER, Y/D
12	SN1605		OUTER RACE (LM67010)
13	SN1606		OUTER BEARING (LM67048)
14	SN3303		WASHER, 1 1/32" ID X 1 3/4" ODX 1/8" THICK, PLAIN
15	SN3302		HEX NUT, 1"-14 FULL SLOTTED GR 2, PLAIN
16	SN1610		DUST CAP, 2.448" OD, Y/D
17	SN3686		8 BOLT HUB ASSEMBLY
18	SN3688Y		WHEEL, 15 X 10, 8 BOLT
19	SN3577		VALVE STEM
20	SN5555		TIRE, 12.5L (GY-FI-F) W/15 X 10 WH ASSY 8 BT
21	SN5578		TIRE, 12.5L X 15, (GY-FI-F)

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PR: t05g30h47b0005

4411 DISC RIPPER
SERVICE PARTS

SPINDLE & WHEEL ASSEMBLY (5, 7 & 9
SHANK WALKING TANDEM)



**4411 DISC RIPPER
SERVICE PARTS**

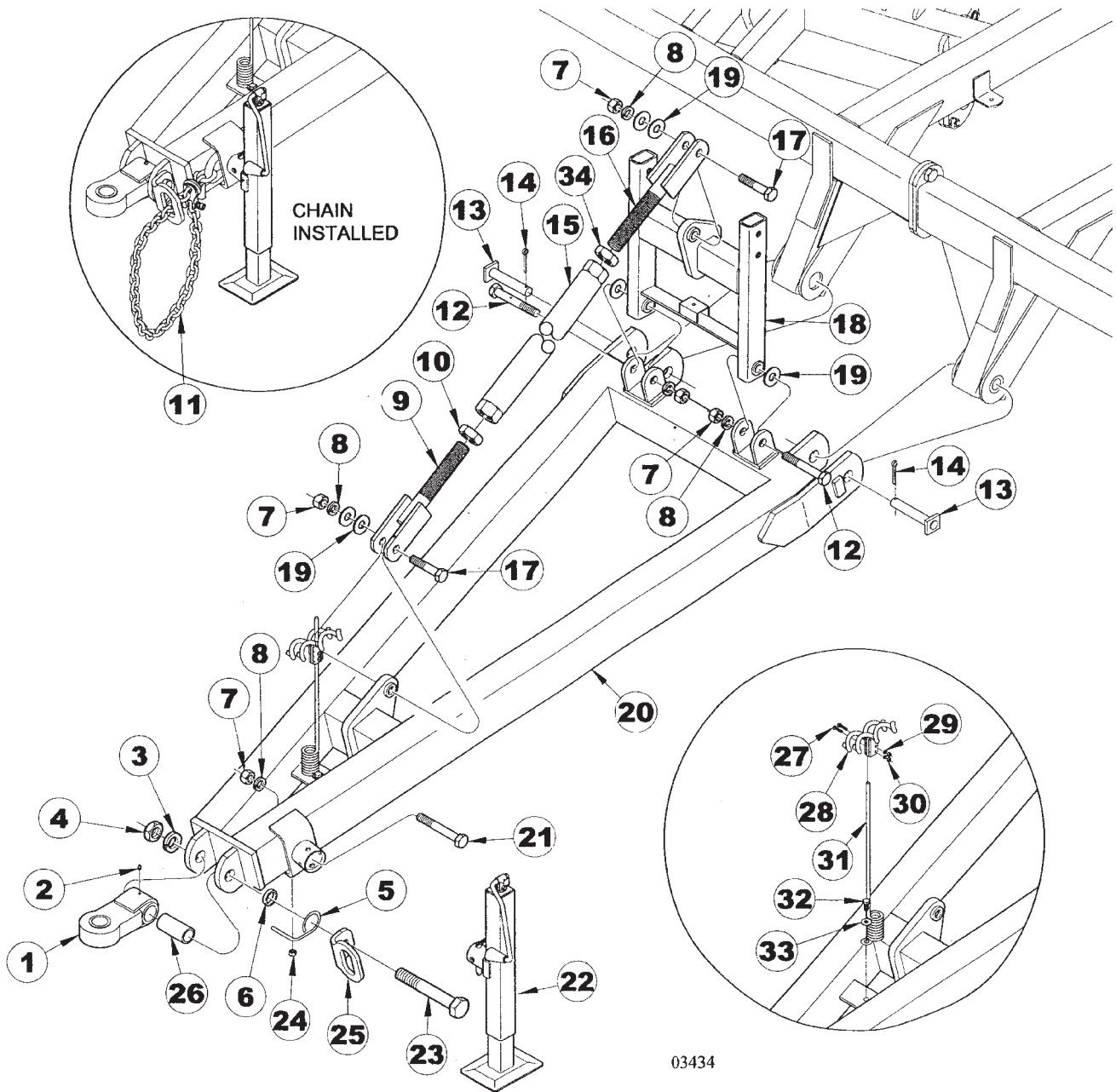
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**SPINDLE & WHEEL ASSEMBLY (5, 7 & 9
SHANK WALKING TANDEM)**

ITEM	NUMBER	QTY	DESCRIPTION
1	SN2585		HEX BOLT, 7/16"-14 X 3 1/2", GR 5, Y/D
2	SN3298		SPINDLE, 2" X 11 1/4"
3	SN302		LOCK WASHER, 7/16" SPLIT TYPE MED, Y/D
4	SN303		HEX NUT, 7/16"-14 FULL, GR 2, Y/D
5	SN3066		COTTER PIN, 7/32" X 1 1/2"
6	SN3301		TRIPLE LIP SEAL
7	SN1935		INNER BEARING (LM501349)
8	SN1936		INNER RACE (LM501310)
9	SN1937		SIX BOLT HUB, STUDDED W/CUPS AND LUG NUTS, PAINTED
10	SN3118		LUG BOLT, 9/16"-18 X 1 7/8" PRESS IN, PL
11	SN3117		LUG NUT, 9/16"-18, GR 5, 90 DEG TAPER, Y/D
12	SN1605		OUTER RACE (LM67010)
13	SN1606		OUTER BEARING (LM67048)
14	SN3303		WASHER, 1 1/32" ID X 1 3/4" ODX 1/8" THICK, PLAIN
15	SN3302		HEX NUT, 1"-14 FULL SLOTTED GR 2, PLAIN
16	SN1610		DUST CAP, 2.448" OD, Y/D
17	SN2098-6		GREASE ZERK, 1/4"-28, 17/32" L
18	SN3300		SIX BOLT HUB ASSEMBLY W/3301 SEAL (ITEMS 5-7, 9, & 13-16)
19	SN1944		WHEEL, 15 X 10, 6 BOLT
20	SN3577		VALVE STEM
21	SN3582		TIRE, 12.5L X 15, 12-PLY TUBELESS
22	SN3588		TIRE, 12.5L, 12 PLY TUBELESS W/15 X 10 WHEEL ASSY 6 BOLT

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TONGUE ASSEMBLY



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**4411 DISC RIPPER
SERVICE PARTS**

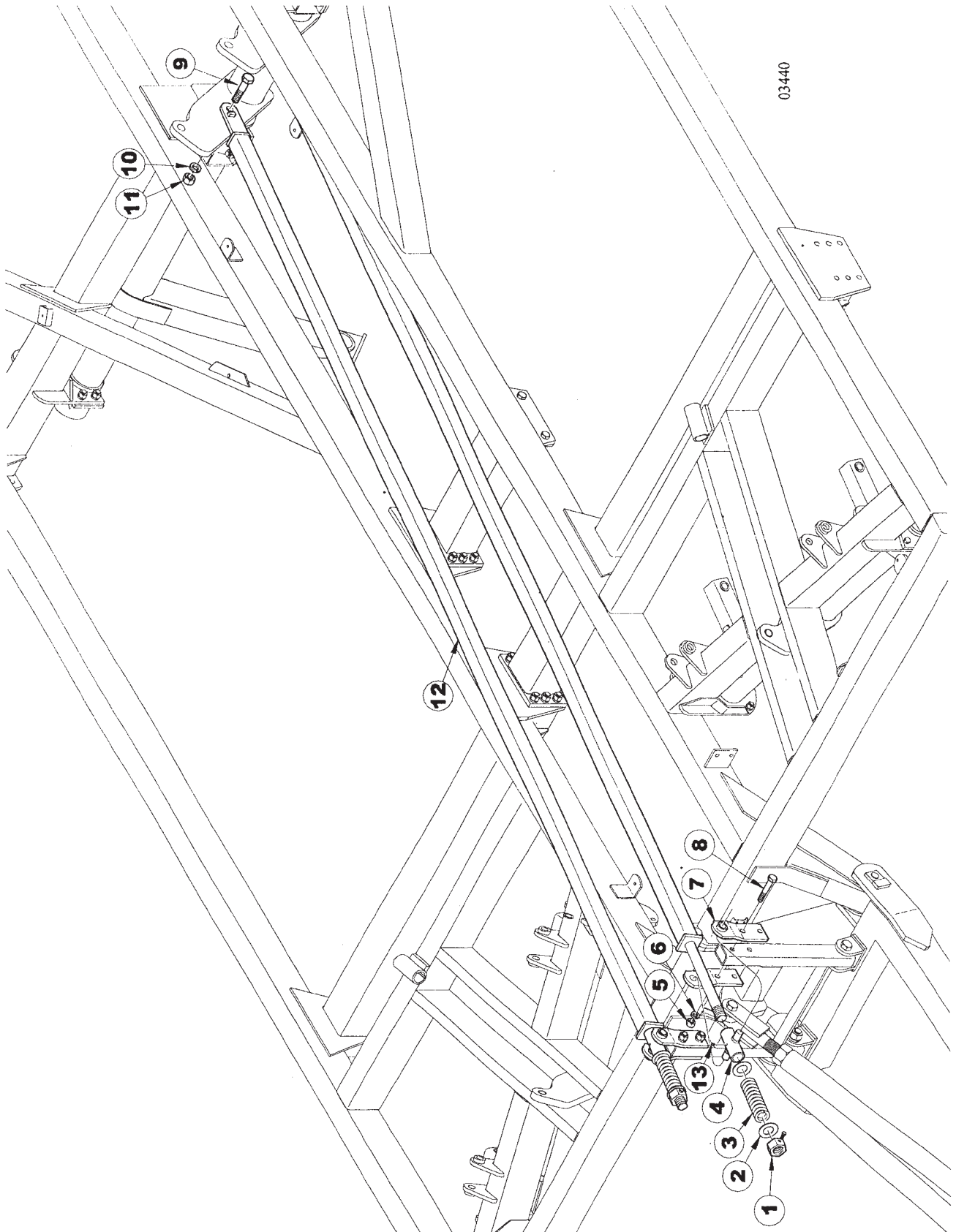
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TONGUE ASSEMBLY

ITEM	NUMBER	QTY	DESCRIPTION
1	SN1810-1 SN5172		HITCH CLEVIS, 4" SINGLE, 1 7/8 HOLE HITCH CLEVIS, 4" SINGLE, 2 1/4" HOLE
2	SN2098-5		GREASE ZERK, 1/8" NPTF, 5/8" L
3	SN2085		LOCK WASHER, 1 1/2" SPLIT TYPE MED, Y/D
4	SN2079		JAM NUT, 1 1/2"-6 HEX, GR 2, Y/D
5	SN3068		HITCH CLEVIS HOLDER (SINGLE)
6	SN3165YD		BUSHING, HITCH CLEVIS HOLDER
7	SN110		HEX NUT, 1"-8 FULL, GR 5, Y/D
8	SN1283		LOCK WASHER, 1" SPLIT TYPE MED, Y/D
9	SN6876		ADJUSTING SCREW, RIGHT
10	SN2088		JAM NUT, 1 3/4"-5 HEX, GR 2, Y/D
11	SN7858		CHAIN, 3/8" X 59" (20,200 LB) ASSEMBLY
12	SNFK150013		HEX BOLT, 1"-8 X 5" GR 5, Y/D
13	SN9193		PIN, 1 1/2" X 7 7/16" (6 23/32") SQUARE HEADED
14	SN108		COTTER PIN, 5/16" X 2 1/2", Y/D
15	SN6878		ADJUSTING LINK
16	SN6877 SN6875		ADJUSTING SCREW, LEFT ADJUSTING LINK ASSEMBLY (ITEMS 9,10, 15,16 & 34)
17	SN1891		HEX BOLT, 1"-8 X 5 1/2", GR YD
18	SN12741		TOWER, LEVELER
19	SNFK150173		FLAT WASHER, 1" SAE, Y/D
20	SN12759		TONGUE
21	SN109		HEX BOLT, 1"-8 X 7", GR 5, Y/D
22	SN9777		LONG TONGUE JACK, SQ W/TUBE MOUNT
23	SN9019		HEX BOLT, 1 1/2"-6 X 8 1/2" GR 5, Y/D
24	SN2096		LOCK NUT, 1/2"-13 HEX NYLON INSERT, GR 8, Y/D
25	SN9040		CHAIN SUPPORT
26	SN3369		HITCH CLEVIS BUSHING
27	SNCS516114		HEX BOLT, 5/16"-18 X 1 1/4" GR 5, Y/D
28	SN4914		HOSE HOLDER, RED
29	SN3723		LOCK WASHER, 5/16" SPLIT TYPE, MED, Y/D
30	SN3724		HEX NUT, 5/16"-18 FULL, GR 2, Y/D
31	SN4915		HOSE HOLDER ROD, RED
32	SN2045		HEX BOLT, 1/2"-13 X 1 3/4", GR5, Y/D
33	SN486		FLAT WASHER, 1/2", Y/D
34	SN6879		JAM NUT, 1 3/4"-5 HEX LH, GR 2 Y/D
35	SN12761		BRACKET, PLUG HOLDER

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LEVELER TUBE ASSEMBLY



**4411 DISC RIPPER
SERVICE PARTS**

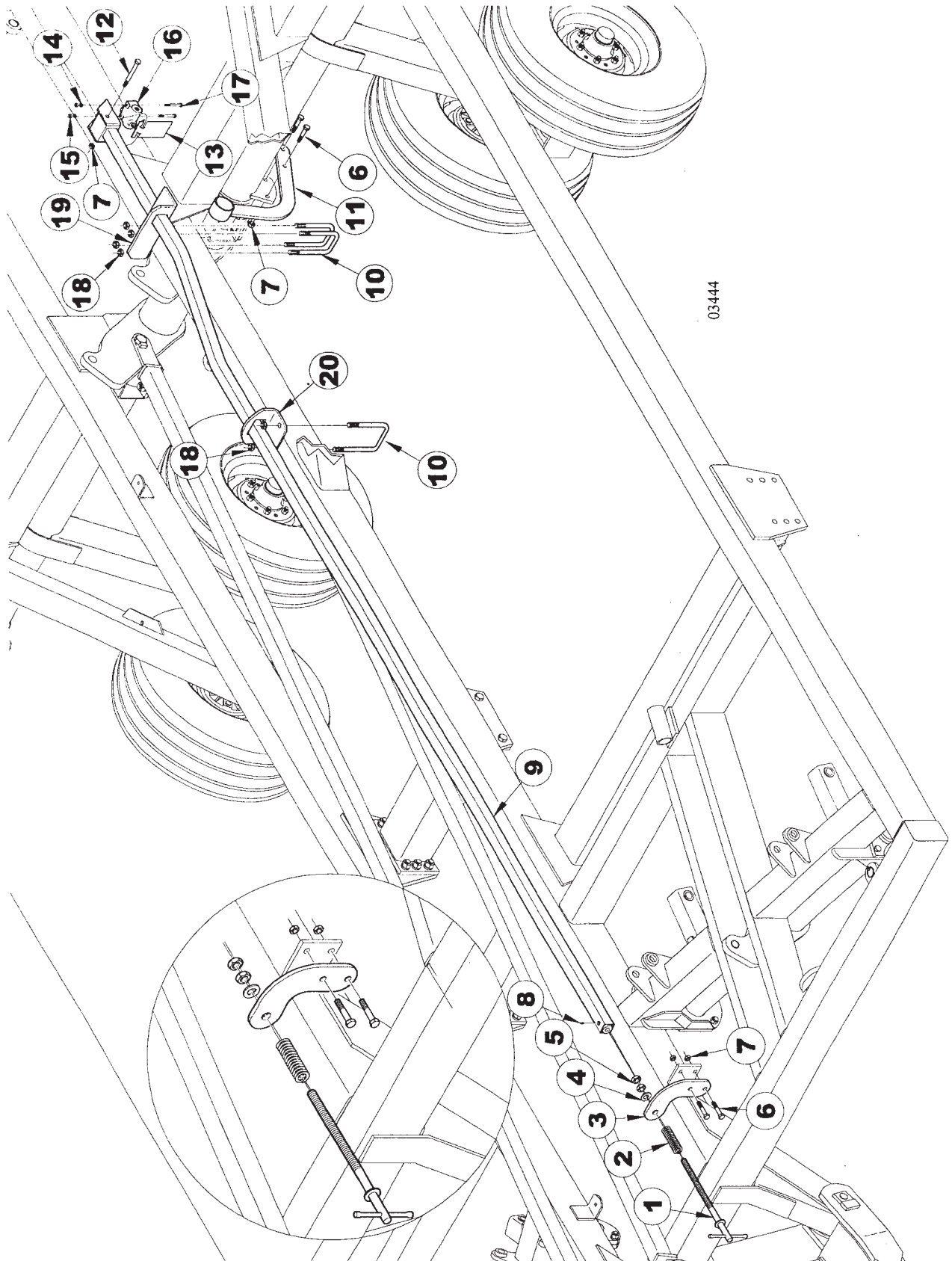
21

LEVELER TUBE ASSEMBLY

ITEM	NUMBER	QTY	DESCRIPTION
1	SN1880		JAM NUT, 1 1/2"-6 HEX W/SET SCREW, GR 2, Y/D
2	SN2755		FLAT WASHER, 1 9/16" ID X 2 13/16" OD, 10 GA, Y/D
3	SN1875		SPRING, 2.938" OD X 1.625" ID X 8 7/8" L COMPRESSION
4	SN7999		LEVELER CROSS, 5"
5	SN106		HEX NUT, 3/4"-10 FULL, GR 5, Y/D
6	SN104		LOCK WASHER, 3/4" SPLIT TYPE MED, Y/D
7	SN7998		BRACKET, LEVELER CROSS
8	SN1599		HEX BOLT, 3/4"-10 X 4", GR 5, Y/D
9	SN5530		HEX BOLT, 1"-8 X 3", 1" THD, GR 5, Y/D
10	SN1283		LOCK WASHER, 1" SPLIT TYPE MED, Y/D
11	SN1849		JAM NUT, 1"-8 HEX, GR 2, Y/D
12	SN9738		LEVELER TUBE, 194 1/2" (USED ON SN# 04411H20000019 & HIGHER)
	SN9096		LEVELER TUBE, 172 1/4" (USED ON SN# 04411G20000018 & LOWER)
13	SN2098-1		GREASE ZERK, 1/8" NPTF, 5/8" L
	SN9739		LEVELER TUBE ASSY, 4411(INCLUDES ITEMS 1-4, & 12-13) ED ON SN# 04411H20000019 & HIGHER)
	SN9099		LEVELER TUBE ASSY, 4411 (INCLUDES ITEMS 1-4, & 12-13) ED ON SN# 04411G20000018 & LOWER)

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STROKE CONTROL ASSEMBLY



**4411 DISC RIPPER
SERVICE PARTS**

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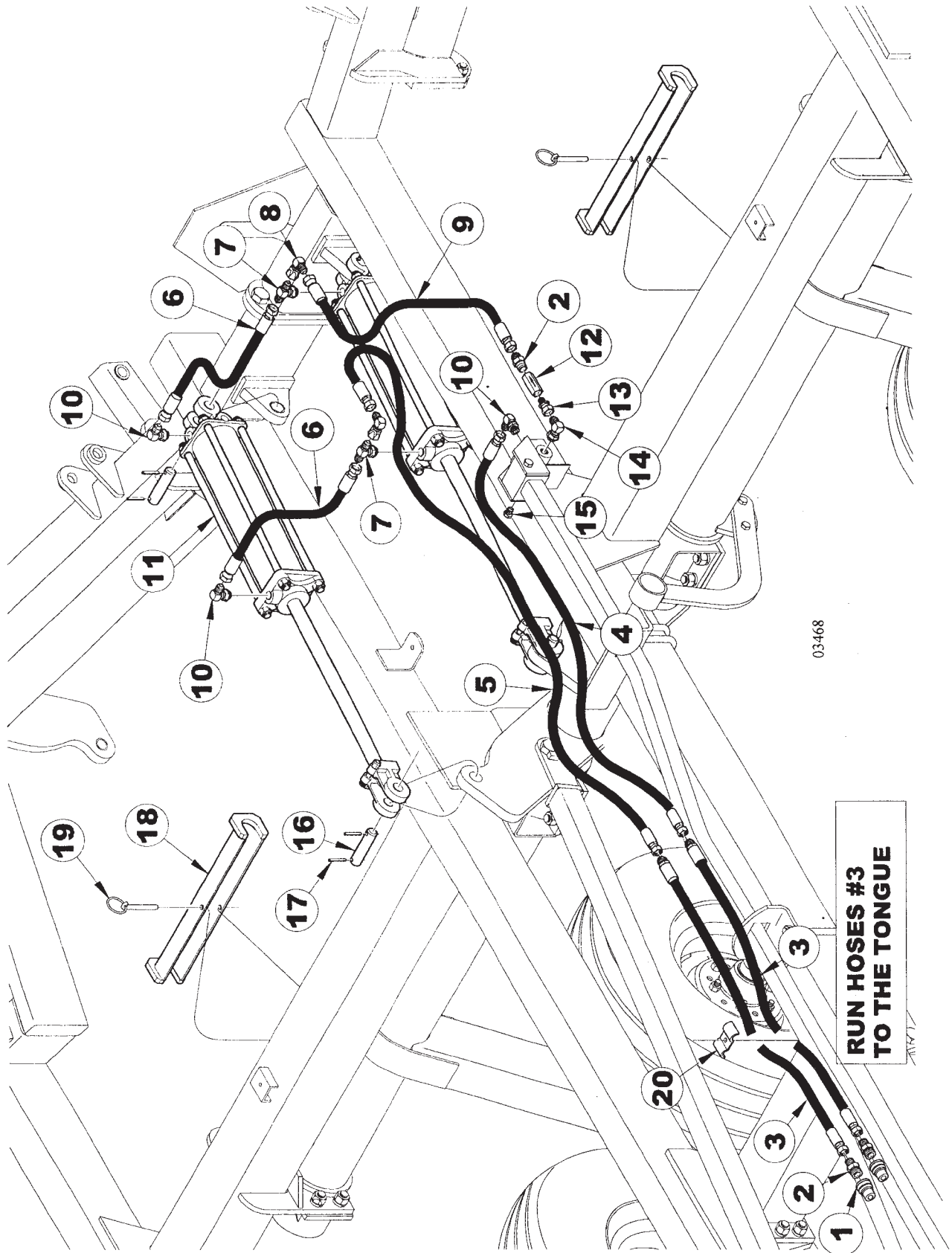
STROKE CONTROL ASSEMBLY

ITEM	NUMBER	QTY	DESCRIPTION
1	SN5137		THREADED REMOTE ADJUSTMENT
2	SN4944		SPRING, 1.10" OD,.135 DIA, 3 1/2" L.
3	SN9042		THREADED REMOTE ADJUSTMENT MOUNT
4	SN779		WASHER, 25/32" ID X 1 1/2" OD,10 GA, PL
5	SN1243		JAM NUT, 3/4"-10 HEX, GR 2, Y/D
6	SN2045		HEX BOLT, 1/2"-13 X 1 3/4", GR 5, Y/D
7	SN2096		LOCK NUT, 1/2"-13 HEX NYLON INSERT, GR 8, Y/D
8	SN2098-6		GREASE ZERK, 1/4"-28, 17/32" L
9	SN9736		VALVE ADJUSTMENT TUBE, 151 3/4" L (USED ON 7 & 9 SHANK WITH SN# 04411H20000019 & HIGHER)
	SN9031		VALVE ADJUSTMENT TUBE, 129 1/2" L (USED ON 7 & 9 SHANK WITH SN# 04411G20000018 & LOWER, USED ON ALL 5 SHANK MODELS)
10	SN2984		U-BOLT, 5/8" X 7 1/2" X 4 3/4" W
11	SN9032		ACTUATOR LEVER
12	SN140		HEX BOLT, 1/2"-13 X 4 1/2", GR 5, Y/D
13	SN6930		STOP TAB
14	SN3723		LOCK WASHER, 5/16" SPLIT TYPE, MED, Y/D
15	SN3724		HEX NUT, 5/16"-18 FULL, GR 2, Y/D
16	SN4732		DEPTH CONTROL VALVE
17	SN1817		HEX BOLT, 5/16"-18 X 2 1/2", GR 5, Y/D
18	SN669-1		LOCK NUT, 5/8" HEX NYLON INSERT, GR 5, Y/D
19	SN6915		GUIDE BRACKET
20	SN9113		GUIDE BRACKET

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4411 DISC RIPPER
SERVICE PARTS

MAIN LIFT HYDRAULICS (SERIAL #
04411G20000018 & EARLIER)



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**RUN HOSES #3
TO THE TONGUE**

**4411 DISC RIPPER
SERVICE PARTS**

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**MAIN LIFT HYDRAULICS (SERIAL #
04411G20000018 & EARLIER)**

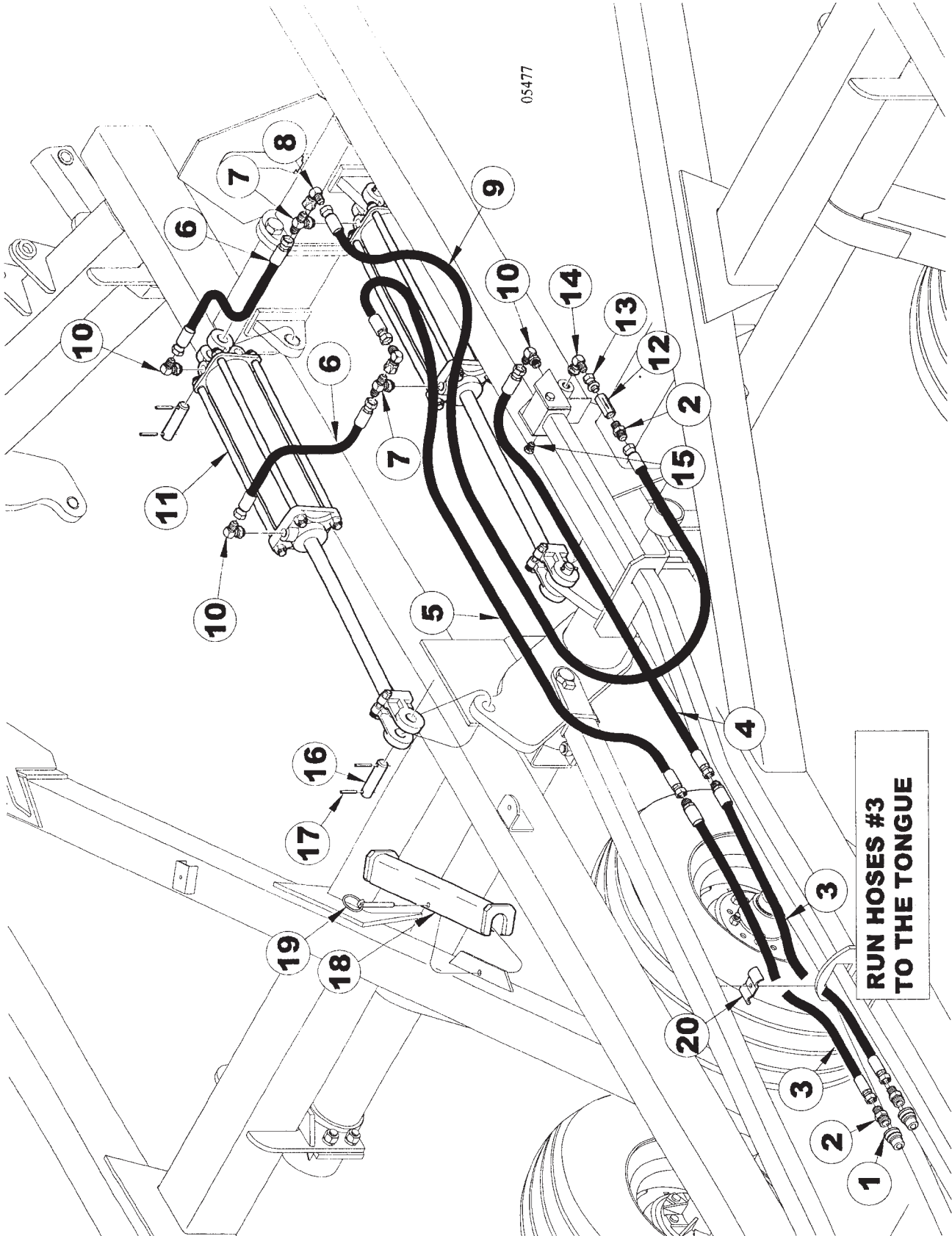
ITEM	NUMBER	QTY	DESCRIPTION
1	SN3253		HYDRAULIC COUPLER, MALE HALF
2	SN2426		MALE CONNECTOR, 7/8"-14 M.F. X 1/2"- 14 M.P.T.
3	SN4150006		HOSE, 1/2" X 150" L, MALE TO FEMALE ENDS
4	SN4170005		HOSE, 1/2" X 170" L, FEMALE ENDS
5	SN4186005		HOSE, 1/2" X 186" L, FEMALE ENDS
6	SN4014005		HOSE, 1/2" X 14" L, FEMALE ENDS
7	SN4462		STRAIGHT THD. BRANCH TEE, 7/8"-14 M.F. X 3/4"-16 O.R.
8	SN4478		90 DEGREE SWIVEL ELBOW, 7/8"- 14 MF X 7/8"-14 FF
9	SN4033005		HOSE, 1/2" X 33" L, FEMALE ENDS
10	SN4457		90 DEGREES STRAIGHT THD ELBOW, 7/8"-14 M.F. X 3/4"-16 O.R.
11	SN4429		CYLINDER, 3 1/2" X 16" LIFT W/O STR CON (*VERSION 1, PRIOR TO10/22/03)
	SN12043		CYLINDER, 3 1/2" X 16" LIFT W/O STR CON 3000 (*VERSION 2, 10/22/03 & LATER)
12	SN4484		IN LINE RESTRICTOR, 1/2"-14 FPT, 5/32"
13	SN4475		MALE PIPE TO FEMALE TUBE, 1/2"-14 M.P.T. X 3/4"-16 O.R.
14	SN4454		90 DEGREES STR. THREAD ELBOW 3/4"-16 MF X 3/4"-16 O.R.
15	SN4458		PLUG, 3/4"-16 O.R.
16	SN5340		PIN, 1 1/4" X 4 1/16" (3"), Y/D
17	SN3164		ROLL PIN, 5/16" X 2" SPIRAL MEDIUM DUTY, Y/D
18	SN6925		TRANSPORT LOCK
19	SN12268		PIN, WIRE LOCK 3/8" X 2 1/2", Y/D
20	SN5302		PIPE CLAMP, 3/8" BOLT HOLE

NOTE:*WHEN ORDERING HYDRAULIC CYLINDER COMPONENTS, BE SURE TO NOTE THE PART NUMBER AND THE CYLINDER PSI. (LOCATED ON THE CYLINDER DECAL AS THEY CONTAIN DIFFERENT COMPONENTS. OLDER CYLINDERS WERE 2500 PSI. AND THE NEW CYLINDERS ARE 3000 PSI. IDENTIFYING THE PART NUMBER OF THE CYLINDER IS EXTREMELY IMPORTANT WHEN ORDERING PARTS TO ENSURE PROPER OPERATION OF THE HYDRAULIC CYLINDER. WARMING THESE PARTS ARE IMPORTANT TO THE SAFETY OF THIS EQUIPMENT AND THOSE WHO OPERATE IT. USE ONLY EXACT REPLACEMENT PARTS TO PREVENT HYDRAULIC FAILURE. BEFORE REPLACING THESE PARTS, REVIEW AND FOLLOW THE INSTRUCTIONS IN THE SAFETY AND OPERATING SECTIONS OF THIS MANUAL.

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4411 DISC RIPPER
SERVICE PARTS

MAIN LIFT HYDRAULICS (SERIAL #
04411H20000019 & LATER)



**4411 DISC RIPPER
SERVICE PARTS**

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**MAIN LIFT HYDRAULICS (SERIAL #
04411H20000019 & LATER)**

ITEM	NUMBER	QTY	DESCRIPTION
1	SN12758		COUPLER, MALE HALF, 3/4" (SERIAL #04411F20050002 & LATER)
	SN3253		HYDRAULIC COUPLER, MALE HALF (PRIOR TO SERIAL #04411F20050002)
2	SN4463		STRT THD.CONN., 3/4"-16 MF X 3/4"-16 MOR (SERIAL #04411F20050002 & LATER)
	SN2426		MALE CONNECTOR, 7/8"-14 MF X 1/2-14 MPT(PRIOR TO SERIAL #04411F20050002)
3	SN4150006		HOSE, 1/2 X 150 L, MALE TO FEMALE ENDS
4	SN4192005		HOSE, 1/2" X 192" L, FEMALE ENDS
5	SN4208005		HOSE, 1/2" X 208" L, FEMALE ENDS
6	SN4014005		HOSE, 1/2" X 14" L, FEMALE ENDS
7	SN4462		STRAIGHT THD. BRANCH TEE, 7/8"-14 M.F. X 3/4"-16 O.R.
8	SN4478		90 DEGREE SWIVEL ELBOW, 7/8"- 14 MF X 7/8"-14 FF
9	SN4066005		HOSE, 1/2" X 66" L, FEMALE ENDS
10	SN4457		90 DEGREES STRAIGHT THD ELBOW, 7/8"-14 M.F. X 3/4"-16 O.R.
11	SN4429		CYLINDER, 3 1/2" X 16" LIFT W/O STR (*VERSION 1, PRIOR TO 10/22/03)
	SN12043		CYLINDER, 3 1/2" X 16" LIFT W/O STR 3000 PSI (*VERSION 2, 10/22/03 & LATER)
12	SN4484		IN LINE RESTRICTOR, 1/2"-14 FPT, 5/32"
13	SN4475		MALE PIPE TO FEMALE TUBE, 1/2"-14 M.P.T. X 3/4"-16 O.R.
14	SN4454		90 DEGREES STR. THREAD ELBOW 3/4"-16 MF X 3/4"-16 O.R.
15	SN4458		PLUG, 3/4"-16 O.R.
16	SN5340		PIN, 1 1/4" X 4 1/16" (3"), Y/DMALE CONNECTOR, 7/8"-14 MF X 1/2-
17	SN3164		ROLL PIN, 5/16" X 2" SPIRAL MEDIUM DUTY, Y/D
18	SN6925		TRANSPORT LOCK
19	SN12268		PIN, WIRE LOCK 3/8" X 2 1/2", Y/D
20	SN5302		PIPE CLAMP, 3/8" BOLT HOLE
21	SN2426		MALE CONNECTOR, 7/8"-14 MF X 1/2-14 MPT

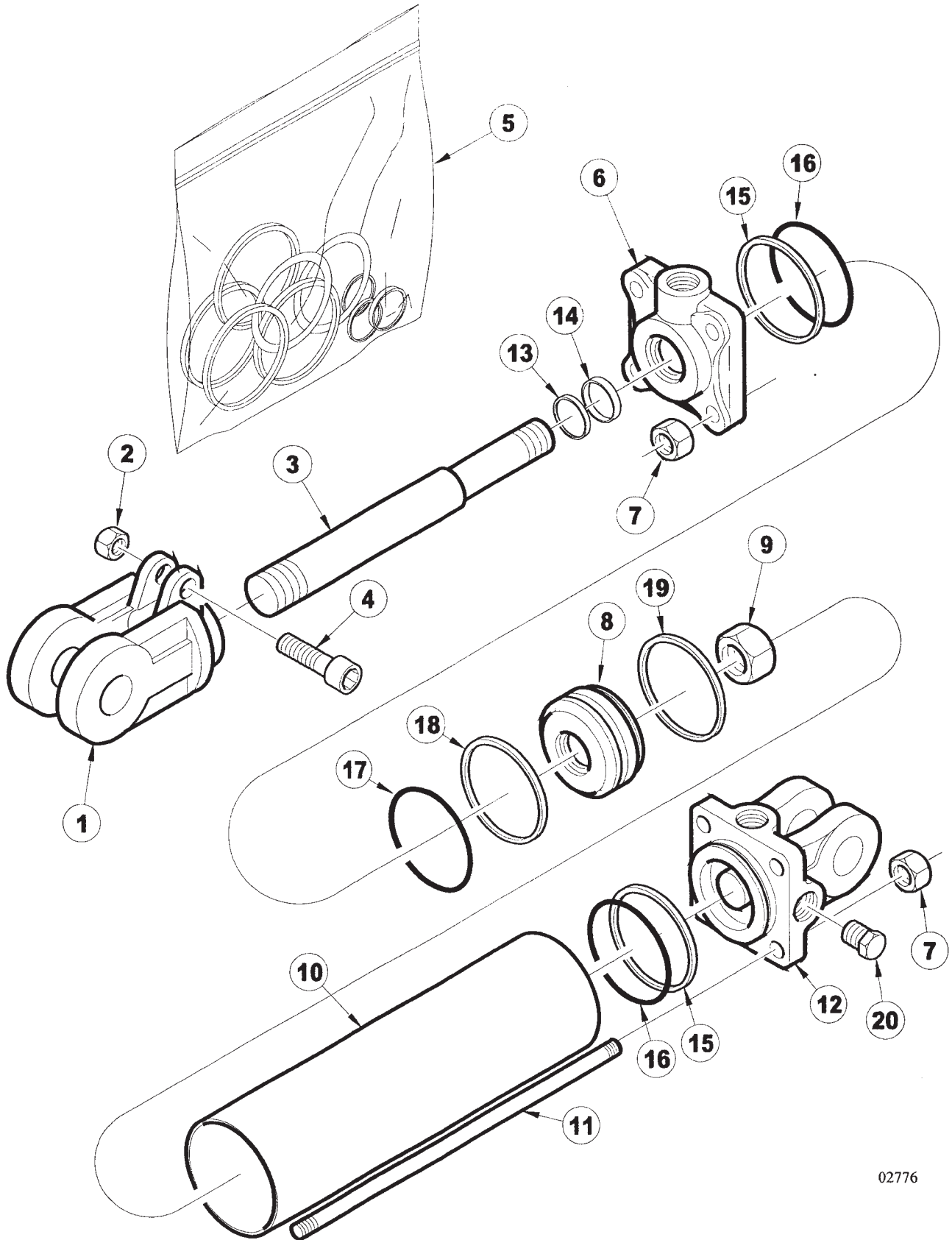
NOTE:*WHEN ORDERING HYDRAULIC CYLINDER COMPONENTS, BE SURE TO NOTE THE PART NUMBER AND THE CYLINDER PSI. (LOCATED ON THE CYLINDER DECAL AS THEY CONTAIN DIFFERENT COMPONENTS. OLDER CYLINDERS WERE 2500 PSI. AND THE NEW CYLINDERS ARE 3000 PSI. IDENTIFYING THE PART NUMBER OF THE CYLINDER IS EXTREMELY IMPORTANT WHEN ORDERING PARTS TO ENSURE PROPER OPERATION OF THE HYDRAULIC CYLINDER.

WARNING THESE PARTS ARE IMPORTANT TO THE SAFETY OF THIS EQUIPMENT AND THOSE WHO OPERATE IT. USE ONLY EXACT REPLACEMENT PARTS TO PREVENT HYDRAULIC FAILURE. BEFORE REPLACING THESE PARTS, REVIEW AND FOLLOW THE INSTRUCTIONS IN THE SAFETY AND OPERATING SECTIONS OF THIS MANUAL.

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PR: t05g30h47b0011

4411 DISC RIPPER
SERVICE PARTS

3 1/2" X 16" CYLINDER SN4429
(VERSION1, PRIOR TO 10/22/03)



**4411 DISC RIPPER
SERVICE PARTS**

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**3 1/2" X 16" CYLINDER SN4429
(VERSION1, PRIOR TO 10/22/03)**

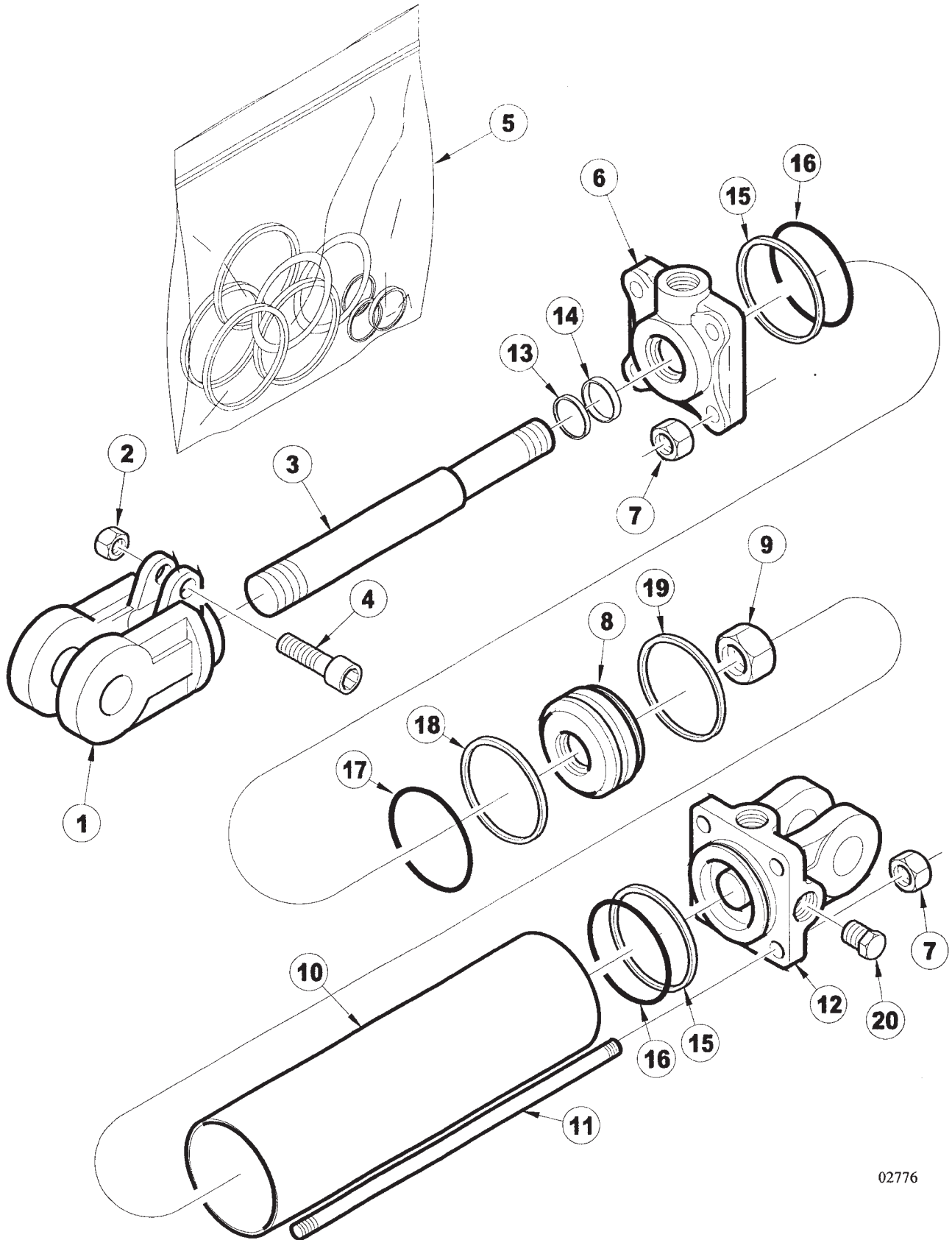
ITEM	NUMBER	QTY	DESCRIPTION
1	SN8618-1		CLEVIS, 1 1/4" THREADS, 1 1/4" PIN W/BUSHING, CROSS
2	SN8671-1		CAPSCREW NUT, 5/16" THREADS CROSS
3	SN8894-1		ROD, 1 1/2" DIA, 16" CROSS
4	SN8631-1		CAPSCREW, CROSS
5	SN8774-1		SEAL KIT, 3 1/2", 1 1/2" ROD, CROSS
6	SN8734-10		HEAD, 3 1/2", 1 1/2" ROD, CROSS (ORB)
7	SN8862-1		TIE ROD NUT, 1/2"-20 UNF CROSS
8	SN8712-1		PISTON, 3 1/2" W/1" HOLE CROSS
9	SN8686-1		PISTON NUT, 1" THREAD, CROSS
10	SN8823-1		TUBE, 3 1/2" X 16" CROSS
11	SN8853-1		TIE ROD BOLT, 3 1/2" X 16" CROSS
12	SN8704-10		BASE, 3 1/2" (ORB), 1 1/4" PIN CROSS
13			* WIPER
14			* U-CUP
15			* BACKUP
16			* O-RING
17			* O-RING
18			* TEFLON RING
19			* WEAR RING
20	SN4458		PLUG, 3/4"-16 O.R.

* AVAILABLE IN THE SEAL KIT ONLY!
NOTE: WHEN ORDERING HYDRAULIC CYLINDER COMPONENTS, BE SURE TO NOTE THE PART NUMBER AND THE CYLINDER PSI. (LOCATED ON THE CYLINDER DECAL AS THEY CONTAIN DIFFERENT COMPONENTS. OLDER CYLINDERS WERE 2500 PSI. AND THE NEW CYLINDERS ARE 3000 PSI. IDENTIFYING THE PART NUMBER OF THE CYLINDER IS EXTREMELY IMPORTANT WHEN ORDERING PARTS TO ENSURE PROPER OPERATION OF THE HYDRAULIC CYLINDER.

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PR: t05g30h47b0012

4411 DISC RIPPER
SERVICE PARTS

3 1/2" X 16" CYLINDER SN12043R
(VERSION 2, 10/22/03 & LATER)



**4411 DISC RIPPER
SERVICE PARTS**

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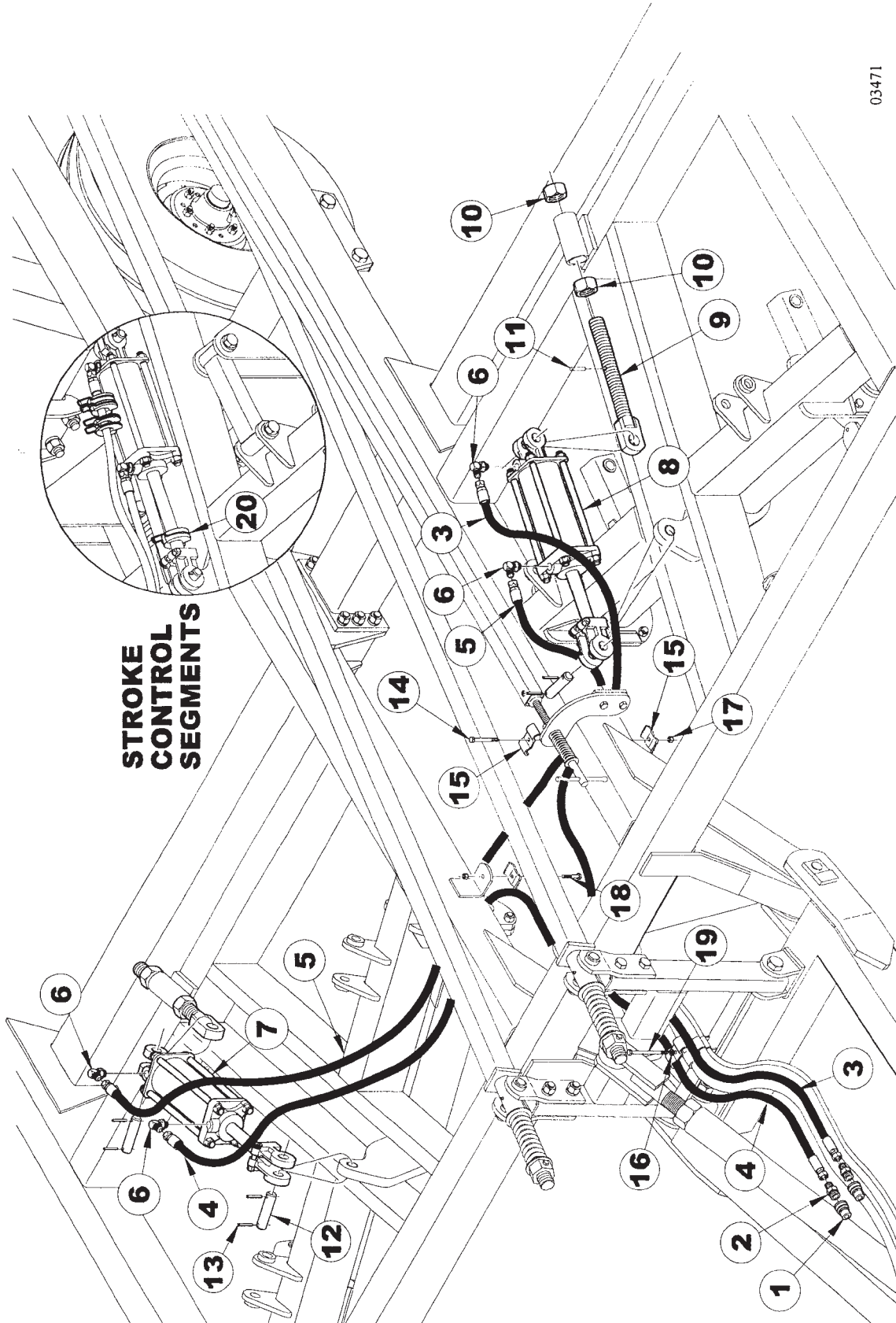
**3 1/2" X 16" CYLINDER SN12043R
(VERSION 2, 10/22/03 & LATER)**

ITEM	NUMBER	QTY	DESCRIPTION
1	SN8618-1		CLEVIS, 1 1/4" THREADS, 1 1/4" PIN W/BUSHING, CROSS
2	SN8671-1		CAPSCREW NUT, 5/16" THREADS CROSS
3	SN8972-1		ROD, 1 1/2" DIA, 16" CROSS
4	SN8631-1		CAPSCREW, CROSS
5	SN12015		SEAL KIT, 3 1/2", 1 1/2" ROD, CROSS
6	SN12018		HEAD, 3 1/2", 1 1/2" ROD, CROSS (ORB)
7	SN8863-1		TIE ROD NUT, 1/2"-20 UNF CROSS
8	SN8978-1		PISTON, 3 1/2" W/1" HOLE CROSS
9	SN8683-1		PISTON NUT, 1" THREAD, CROSS
10	SN12041		TUBE, 3 1/2" X 16" CROSS
11	SN12042		TIE ROD BOLT, 3 1/2" X 16" CROSS
12	SN12040		BASE, 3 1/2" (ORB), 1 1/4" PIN CROSS
13			* WIPER
14			* U-CUP
15			* BACKUP
16			* O-RING
17			* O-RING
18			* TEFLON RING
19			* WEAR RING
20	SN4458		PLUG, 3/4"-16 O.R.

* AVAILABLE IN THE SEAL KIT ONLY!
NOTE: WHEN ORDERING HYDRAULIC CYLINDER COMPONENTS, BE SURE TO NOTE THE PART NUMBER AND THE CYLINDER PSI. (LOCATED ON THE CYLINDER DECAL AS THEY CONTAIN DIFFERENT COMPONENTS. OLDER CYLINDERS WERE 2500 PSI. AND THE NEW CYLINDERS ARE 3000 PSI. IDENTIFYING THE PART NUMBER OF THE CYLINDER IS EXTREMELY IMPORTANT WHEN ORDERING PARTS TO ENSURE PROPER OPERATION OF THE HYDRAULIC CYLINDER.

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FRONT GANG LIFT HYDRAULICS



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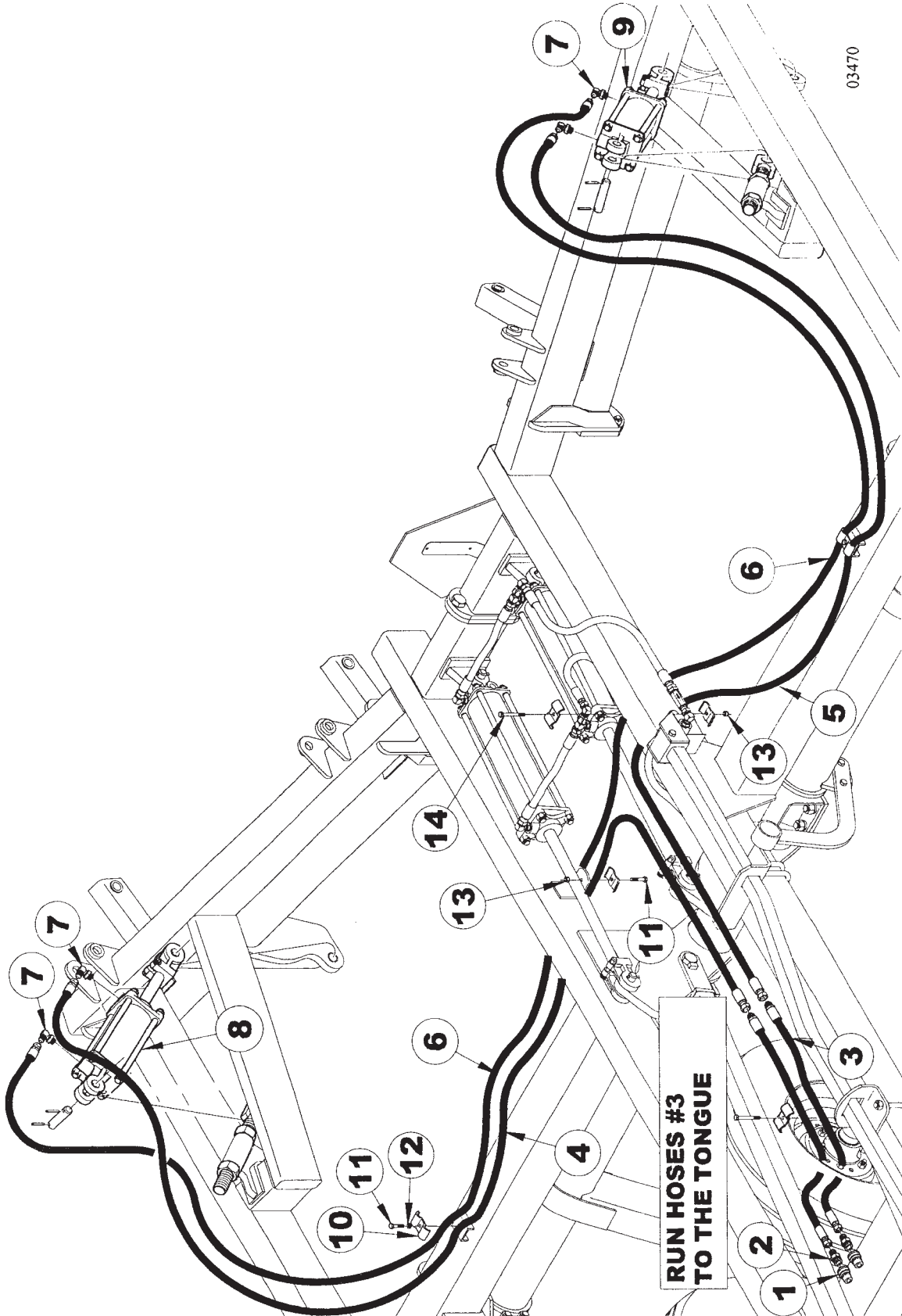
**4411 DISC RIPPER
SERVICE PARTS**

FRONT GANG LIFT HYDRAULICS

ITEM	NUMBER	QTY	DESCRIPTION
1	SN12758		COUPLER, MALE HALF, 3/4" (SERIAL #04411F20050002 & LATER)
2	SN4463		STRAIGHT THD.CONNECTOR, 3/4"-16 (SERIAL #04411F20050002 & LATER)
3	SN4222002		HOSE, 3/8" X 222" L, FEMALE ENDS (7 & 9 SHANK)
	SN4215002		HOSE, 3/8" X 215" L, FEMALE ENDS (5 SHANK)
4	SN4213002		HOSE, 3/8" X 213" L, FEMALE ENDS (7 & 9 SHANK)
	SN4206002		HOSE, 3/8" X 206" L, FEMALE ENDS (5 SHANK)
5	SN4110002		HOSE, 3/8" X 110" L, FEMALE ENDS (7 & 9 SHANK)
	SN4104002		HOSE, 3/8 X 104 L, FEMALE ENDS (5 SHANK)
6	SN4455		90 DEGREE STR THD ELBOW, 3/4"-16 MF X 3/4"-16 OR W/RESTRICTOR
7	SN4438		CYLINDER, 3 3/4" X 8" SLAVE (20 1/4" CPC)(*VERSION 1, PRIOR TO 6/27/03)
	SN12059		CYLINDER, 3 3/4" X 8" SLAVE, 3000 PSI (*VERSION 2, 6/27/03 & LATER)
8	SN4437		CYLINDER, 4" X 8" MASTER W/O STR CON (*VERSION 1, PRIOR TO 8/12/03)
	SN12047		CYLINDER, 4" X 8" MASTER W/O STR CON, 3000 (*VERSION 2, 8/12/03 & LATER)
9	SN7334		ADJUSTABLE CYLINDER BLOCK
10	SN2079		HEX NUT, 1 1/2"-6, GR 2, Y/D
11	SN4623		GUIDE PIN
12	SN5339		PIN, 1" X 4 1/16" (3"), Y/D
13	SN3164		ROLL PIN, 5/16 X 2 SPIRAL MED DUTY, Y/D
14	SN2487		HEX BOLT, 3/8"-16 X 2 1/2", GR 5, Y/D
15	SN5302		PIPE CLAMP, 3/8" BOLT HOLE
16	SN176		LOCK WASHER, 3/8" SPLIT TYPE MED, Y/D
17	SN3567		LOCK NUT, 3/8-16 HEX NYL INSERT, GR 2, Y/D
18	SN175		HEX BOLT, 3/8"-16 X 1 1/2", GR 5, Y/D
19	SN3565		HEX BOLT, 3/8"-16 X 3 1/2", GR 5, Y/D (3 HOSES STACKED)
20	SN3451		STROKE CONTROL KIT, (1/4, 3/8, 1/2, 3/4, 1)
21	SN3253		HYDRAULIC COUPLER, MALE HALF (PRIOR TO SERIAL #04411F20050002)
22	SN2426		MALE CONN, 7/8"-14 MF X 1/2-14 MPT (PRIOR TO SERIAL #04411F20050002)

NOTE: *WHEN ORDERING HYDRAULIC CYLINDER COMPONENTS, BE SURE TO NOTE THE PART NUMBER AND THE CYLINDER PSI. (LOCATED ON THE CYLINDER DECAL AS THEY CONTAIN DIFFERENT COMPONENTS. OLDER CYLINDERS WERE 2500 PSI. AND THE NEW CYLINDERS ARE 3000 PSI. IDENTIFYING THE PART NUMBER OF THE CYLINDER IS EXTREMELY IMPORTANT WHEN ORDERING PARTS TO ENSURE PROPER OPERATION OF THE HYDRAULIC CYLINDER.
WARNING THESE PARTS ARE IMPORTANT TO THE SAFETY OF THIS EQUIPMENT AND THOSE WHO OPERATE IT. USE ONLY EXACT REPLACEMENT PARTS TO PREVENT HYDRAULIC FAILURE. BEFORE REPLACING THESE PARTS REVIEW AND FOLLOW THE INSTRUCTIONS IN THE SAFETY AND OPERATING SECTIONS OF THIS MANUAL.

REAR GANG HYDRAULICS
(SERIAL # 04411G20000018 & EARLIER)



**4411 DISC RIPPER
SERVICE PARTS**

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**REAR GANG HYDRAULICS
(SERIAL # 04411G20000018 & EARLIER)**

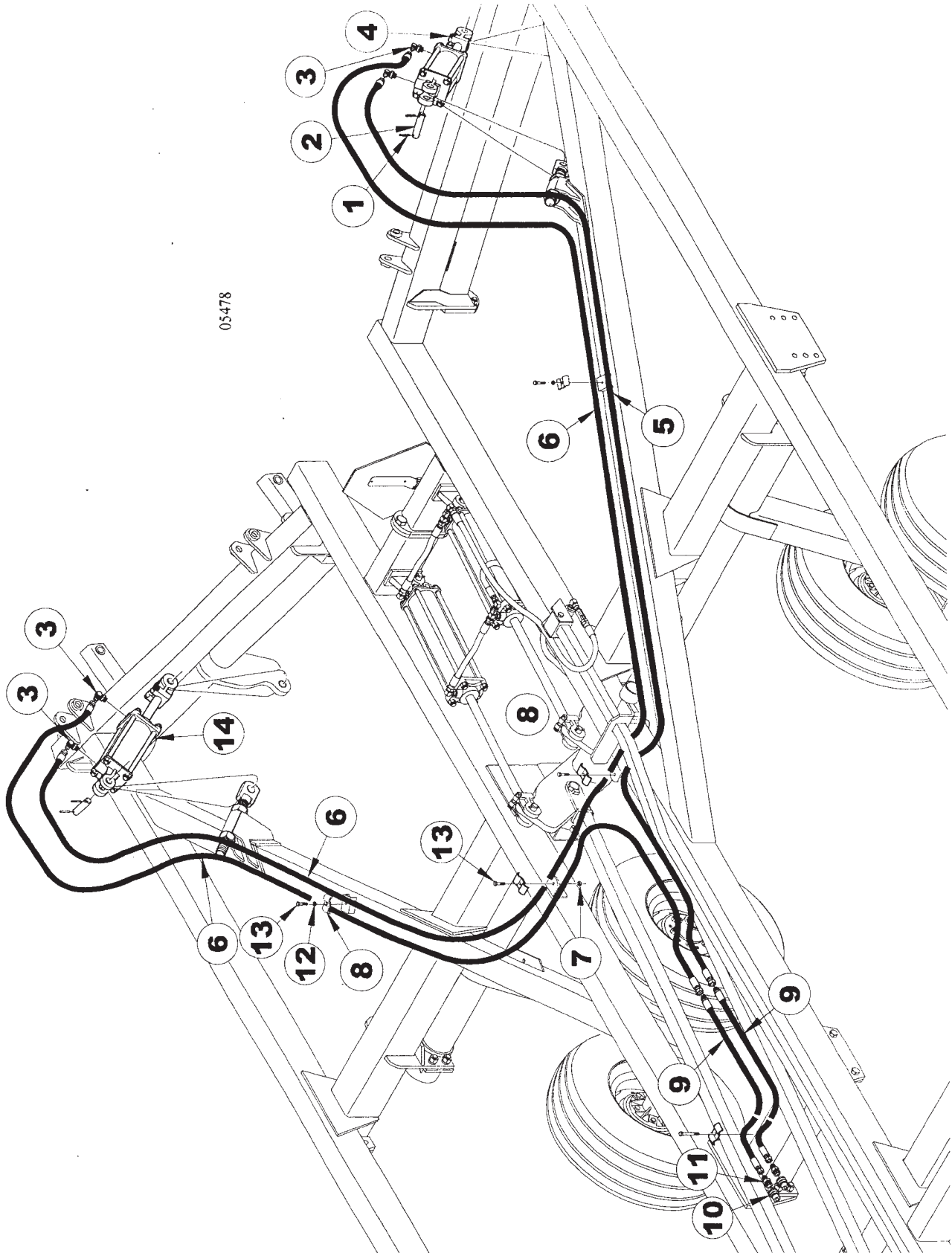
ITEM	NUMBER	QTY	DESCRIPTION
1	SN3253		HYDRAULIC COUPLER, MALE HALF
2	SN2425		MALE CONNECTOR, 3/4"-16 M.F. X. 1/2"-14 M.P.T
3	SN4207003		HOSE, 3/8" X 207" L, MALE TO FEMALE ENDS
4	SN4240002		HOSE, 3/8" X 240" L, FEMALE ENDS (7 & 9 SHANK)
	SN4210002		HOSE, 3/8" X 210" L, FEMALE ENDS (5 SHANK)
5	SN4214002		HOSE, 3/8" X 214" L, FEMALE ENDS (7 & 9 SHANK)
	SN4184002		HOSE, 3/8" X 184" L, FEMALE ENDS (5 SHANK)
6	SN4238002		HOSE, 3/8" X 238" L, FEMALE ENDS (7 & 9 SHANK)
	SN4132002		HOSE, 3/8" X 132" L, FEMALE ENDS (5 SHANK)
7	SN4455		90 DEGREE STR THD ELBOW, 3/4"-16 MF X 3/4"-16 OR W/RESTRICTOR
8	SN4438		CYLINDER, 3 3/4" X 8" SLAVE (20 1/4" CPC) (*VERSION 1, PRIOR TO 6/27/03)
	SN12059		CYLINDER, 3 3/4" X 8" SLAVE 3000 PSI (*VERSION 2, 6/27/03 & LATER)
9	SN4437		CYLINDER, 4" X 8" MASTER W/O STR CON (*VERSION 1, PRIOR TO 8/12/03)
	SN12047		CYLINDER, 4" X 8" MASTER W/O STRCON, 3000 (*VERSION 2, 8/12/03 & LATER)
10	SN5302		PIPE CLAMP, 3/8" BOLT HOLE
11	SN175		HEX BOLT, 3/8"-16 X 1 1/2", GR 5, Y/D
12	SN176		LOCK WASHER, 3/8" SPLIT TYPE MED, Y/D
13	SN3567		LOCK NUT, 3/8"-16 HEX NYLON INSERT, GR2, Y/D
14	SN2487		HEX BOLT, 3/8"-16 X 2 1/2", GR 5, Y/D

NOTE: *WHEN ORDERING HYDRAULIC CYLINDER COMPONENTS, BE SURE TO NOTE THE PART NUMBER AND THE CYLINDER PSI. (LOCATED ON THE CYLINDER DECAL AS THEY CONTAIN DIFFERENT COMPONENTS. OLDER CYLINDERS WERE 2500 PSI. AND THE NEW CYLINDERS ARE 3000 PSI. IDENTIFYING THE PART NUMBER OF THE CYLINDER IS EXTREMELY IMPORTANT WHEN ORDERING PARTS TO ENSURE PROPER OPERATION OF THE HYDRAULIC CYLINDER.
WARNING THESE PARTS ARE IMPORTANT TO THE SAFETY OF THIS EQUIPMENT AND THOSE WHO OPERATE IT. USE ONLY EXACT REPLACEMENT PARTS TO PREVENT HYDRAULIC FAILURE. BEFORE REPLACING THESE PARTS, REVIEW AND FOLLOW THE INSTRUCTIONS IN THE SAFETY AND OPERATING SECTIONS OF THIS MANUAL.

I0003470
PR: t05g30h47b0015

4411 DISC RIPPER
SERVICE PARTS

REAR GANG HYDRAULICS
(SERIAL # 04411H20000019 & LATER)



**4411 DISC RIPPER
SERVICE PARTS**

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**REAR GANG HYDRAULICS
(SERIAL # 04411H20000019 & LATER)**

ITEM	NUMBER	QTY	DESCRIPTION
1	SN12758		COUPLER, MALE HALF, 3/4"
2	SN4463		STRAIGHT THD.CONNECTOR, 3/4"-16
3	SN4455		90 DEGREE STR THD ELBOW, 3/4"-16 MF
4	SN4437		CYLINDER, 4" X 8" MASTER W/O STR CON (*VERSION 1, PRIOR TO 8/12/03)
	SN12047		CYLINDER, 4" X 8" MASTER W/O STRCON, 3000 (*VERSION 2, 8/12/03 & LATER)
5	SN4204002		HOSE, 3/8" X 204" L, FEMALE ENDS
6	SN4228002		HOSE, 3/8" X 228" L, FEMALE ENDS
7	SN3567		LOCK NUT, 3/8"-16 HEX NYLON INSERT
8	SN5302		PIPE CLAMP, 3/8" BOLT HOLE
9	SN4207003		HOSE, 3/8" X 207" L, M/F ENDS
10	SN3253		HYDRAULIC COUPLER, MALE HALF
11	SN2425		MALE CONNECTOR, 3/4"-16 M.F. X 1/2"-14 MPT
12	SN176		LOCK WASHER, 3/8" SPLIT TYPE MED, Y/D
13	SN175		HEX BOLT, 3/8"-16 X 1 1/2", GR 5, Y/D
14	SN4438		CYLINDER, 3 3/4" X 8" SLAVE (20 1/4" CPC) ORB CROSS

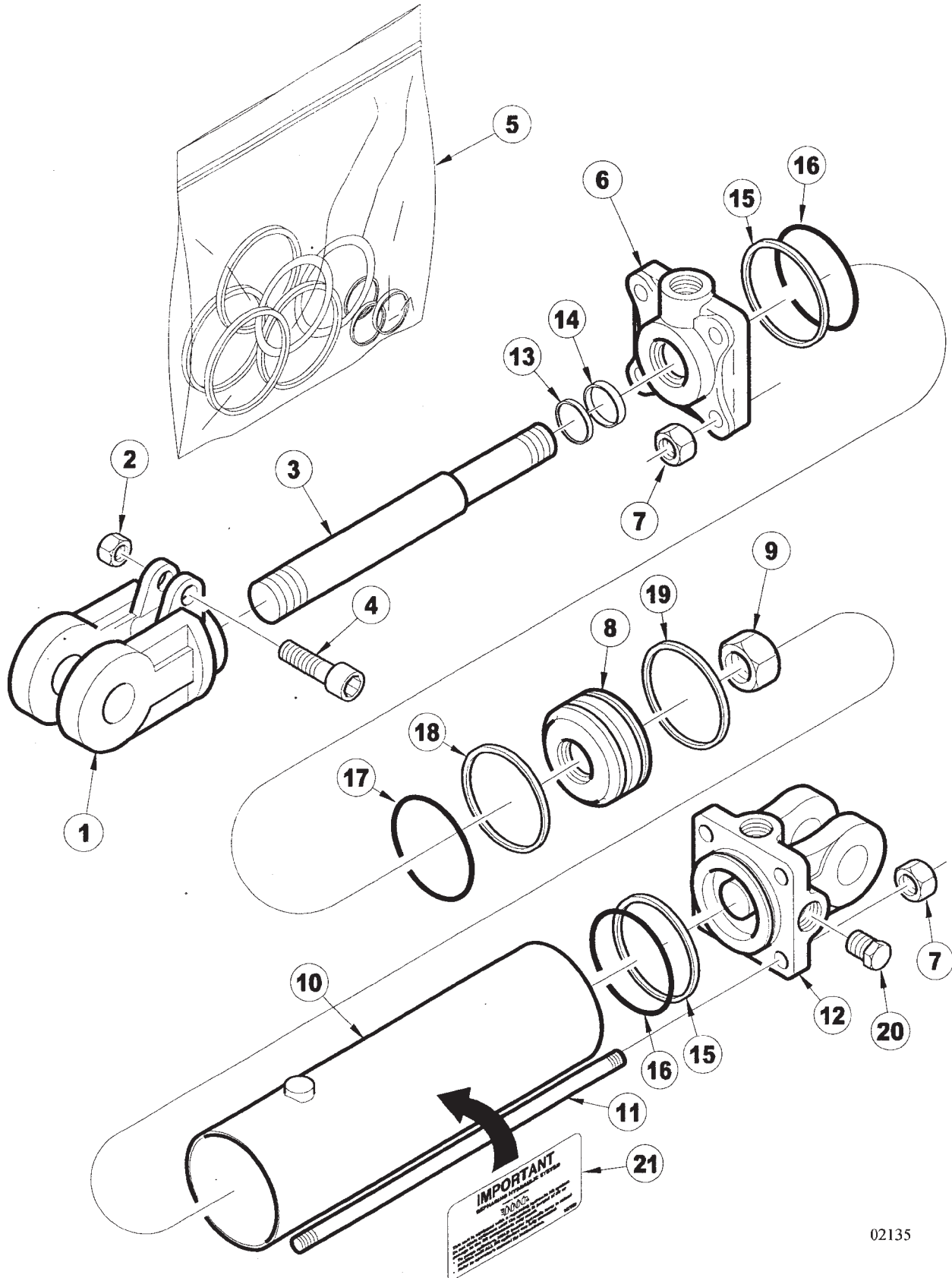
NOTE:*WHEN ORDERING HYDRAULIC CYLINDER COMPONENTS, BE SURE TO NOTE THE PART NUMBER AND THE CYLINDER PSI. (LOCATED ON THE CYLINDER DECAL AS THEY CONTAIN DIFFERENT COMPONENTS. OLDER CYLINDERS WERE 2500 PSI. AND THE NEW CYLINDERS ARE 3000 PSI. IDENTIFYING THE PART NUMBER OF THE CYLINDER IS EXTREMELY IMPORTANT WHEN ORDERING PARTS TO ENSURE PROPER OPERATION OF THE HYDRAULIC CYLINDER.

WARNING THESE PARTS ARE IMPORTANT TO THE SAFETY OF THIS EQUIPMENT AND THOSE WHO OPERATE IT. USE ONLY EXACT REPLACEMENT PARTS TO PREVENT HYDRAULIC FAILURE. BEFORE REPLACING THESE PARTS, REVIEW AND FOLLOW THE INSTRUCTIONS IN THE SAFETY AND OPERATING SECTIONS OF THIS MANUAL.

I0005478
PR: t05g30h47b0016

4411 DISC RIPPER
SERVICE PARTS

4" X 8" HYDRAULIC CYLINDER 4437
(VERSION 1, PRIOR TO 8/12/03)



4411 DISC RIPPER
SERVICE PARTS

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4" X 8" HYDRAULIC CYLINDER 4437
(VERSION 1, PRIOR TO 8/12/03)

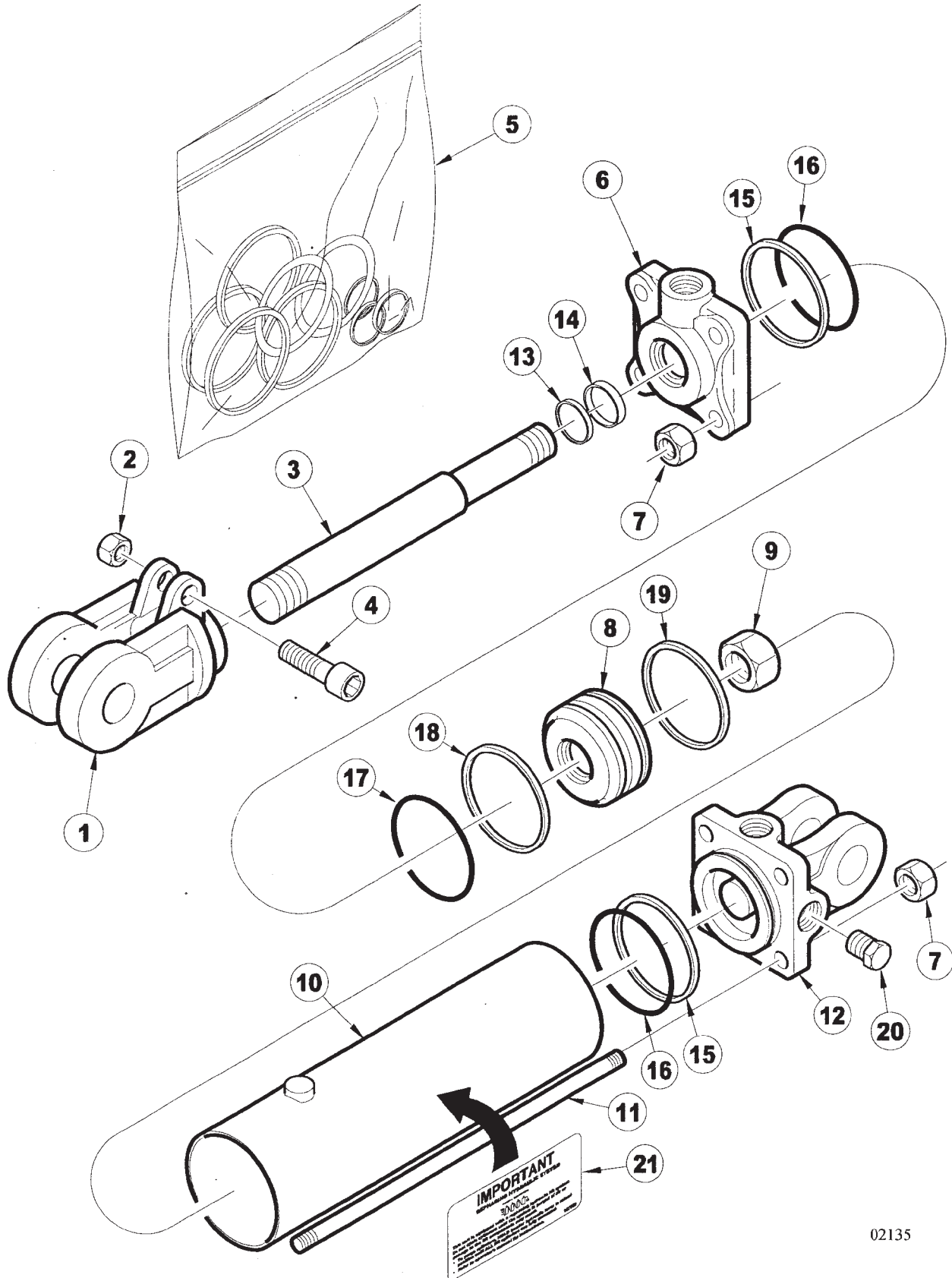
ITEM	NUMBER	QTY	DESCRIPTION
1	SN8610-1		CLEVIS, 1 1/4" THREADS, 1" PIN W/BUSHING, CROSS
2	SN8671-1		CAPSCREW NUT, 5/16" THREADS CROSS
3	SN8898-1		ROD, 1 3/8" DIA, 8" REPHASING, CROSS
4	SN8631-1		CAPSCREW, CROSS
5	SN8781-1		SEAL KIT, 4", 1 3/8" ROD REPHASING, CROSS
6	SN8739-10		HEAD, 4" 1 3/8" ROD, REPHASING CROSS
7	SN8864-1		TIE ROD NUT, 5/8" THREADS CROSS
8	SN8718-1		PISTON, 4" W/1" HOLE REPHASING CROSS
9	SN8683-1		PISTON NUT, 1" CROSS
10	SN8830-1		TUBE, 4" X 8" REPHASING CROSS
11	SN8851-1		TIE ROD BOLT, 8" CROSS
12	SN8699-10		BASE, 4" REPHASING, CROSS
13			* WIPER
14			* U-CUP
15			* BACKUP
16			* O-RING
17			* O-RING
18			* TEFLON RING
19			* WEAR RING
20	SN4458		PLUG, 3/4"-16 O.R.
21	SN997052		SYSTEMS MUST BE BLED OF AIR - DECAL

* AVAILABLE IN THE SEAL KIT ONLY!
NOTE: WHEN ORDERING HYDRAULIC CYLINDER COMPONENTS, BE SURE TO NOTE THE PART NUMBER AND THE CYLINDER PSI. (LOCATED ON THE CYLINDER DECAL AS THEY CONTAIN DIFFERENT COMPONENTS. OLDER CYLINDERS WERE 2500 PSI. AND THE NEW CYLINDERS ARE 3000 PSI. IDENTIFYING THE PART NUMBER OF THE CYLINDER IS EXTREMELY IMPORTANT WHEN ORDERING PARTS TO ENSURE PROPER OPERATION OF THE HYDRAULIC CYLINDER.

I0002135
PR: t05g30h47b0017

4411 DISC RIPPER
SERVICE PARTS

4" X 8" HYDRAULIC CYLINDER 12047R
(VERSION 2, 8/12/03 & LATER)



**4411 DISC RIPPER
SERVICE PARTS**

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**4" X 8" HYDRAULIC CYLINDER 12047R
(VERSION 2, 8/12/03 & LATER)**

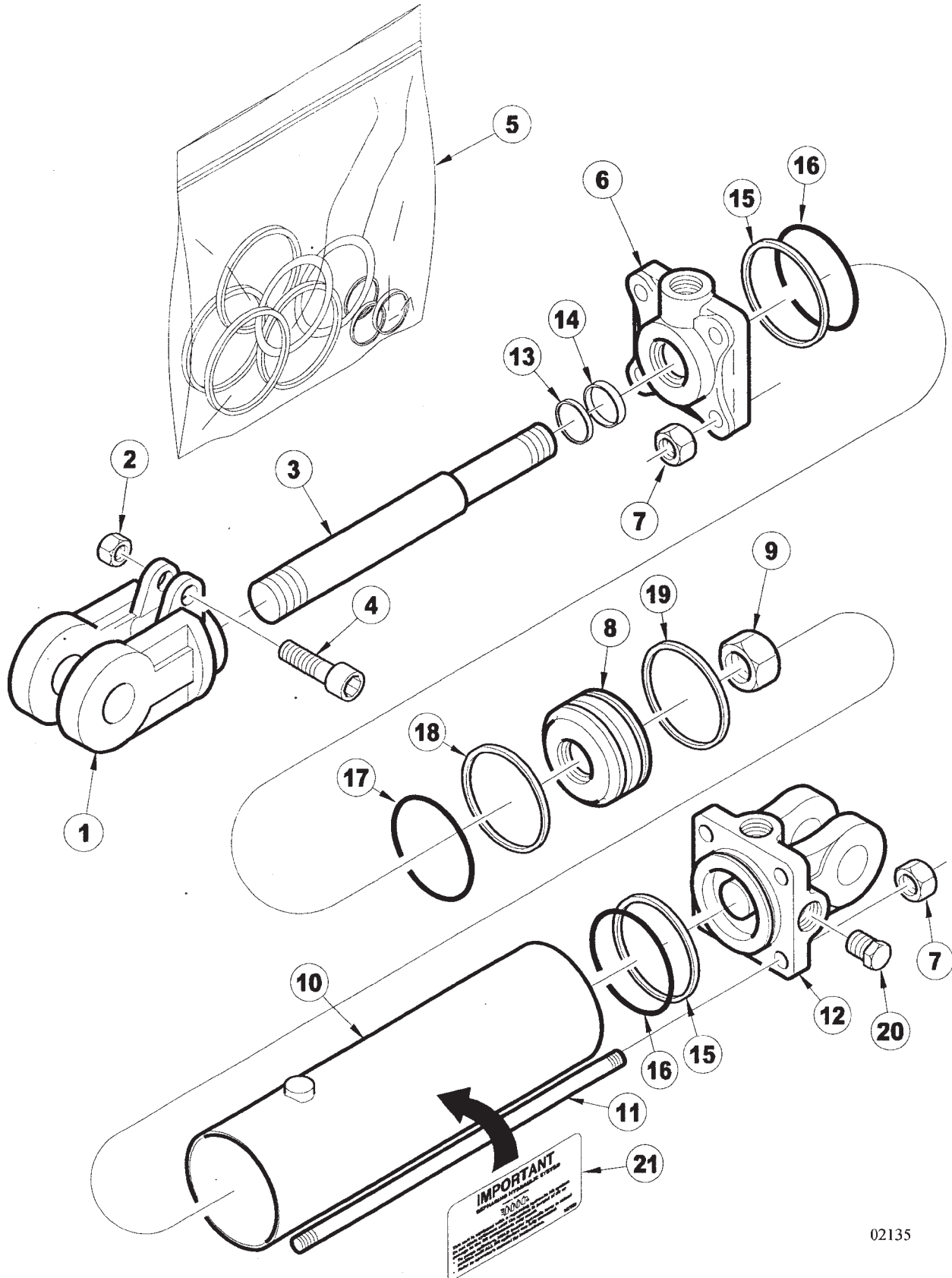
ITEM	NUMBER	QTY	DESCRIPTION
1	SN8610-1		CLEVIS, 1 1/4" THREADS, 1" PIN W/BUSHING, CROSS
2	SN8671-1		CAPSCREW NUT, 5/16" THREADS CROSS
3	SN12055		ROD, 1 3/8" DIA, 8" REPHASING, CROSS
4	SN8631-1		CAPSCREW, CROSS
5	SN8781-1		SEAL KIT, 4", 1 3/8" ROD REPHASING, CROSS
6	SN8739-10		HEAD, 4" 1 3/8" ROD, REPHASING CROSS
7	SN8864-1		TIE ROD NUT, 5/8" THREADS CROSS
8	SN8653-1		PISTON, 4" W/1" HOLE REPHASING CROSS
9	SN8683-1		PISTON NUT, 1" CROSS
10	SN8830-1		TUBE, 4" X 8" REPHASING CROSS
11	SN12033		TIE ROD BOLT, 8" CROSS
12	SN8670-10		BASE, 4" REPHASING, CROSS
13			* WIPER
14			* U-CUP
15			* BACKUP
16			* O-RING
17			* O-RING
18			* TEFLON RING
19			* WEAR RING
20	SN4458		PLUG, 3/4"-16 O.R.
21	SN997052		SYSTEMS MUST BE BLED OF AIR - DECAL

* AVAILABLE IN THE SEAL KIT ONLY!
NOTE: WHEN ORDERING HYDRAULIC CYLINDER COMPONENTS, BE SURE TO NOTE THE PART NUMBER AND THE CYLINDER PSI. (LOCATED ON THE CYLINDER DECAL AS THEY CONTAIN DIFFERENT COMPONENTS. OLDER CYLINDERS WERE 2500 PSI. AND THE NEW CYLINDERS ARE 3000 PSI. IDENTIFYING THE PART NUMBER OF THE CYLINDER IS EXTREMELY IMPORTANT WHEN ORDERING PARTS TO ENSURE PROPER OPERATION OF THE HYDRAULIC CYLINDER.

I0002135
PR: t05g30h47b0018

4411 DISC RIPPER SERVICE PARTS

3 3/4" X 8" HYDRAULIC CYLINDER 4438 (VERSION 1, PRIOR TO 6/27/03)



**4411 DISC RIPPER
SERVICE PARTS**

43

**3 3/4" X 8" HYDRAULIC CYLINDER 4438
(VERSION 1, PRIOR TO 6/27/03)**

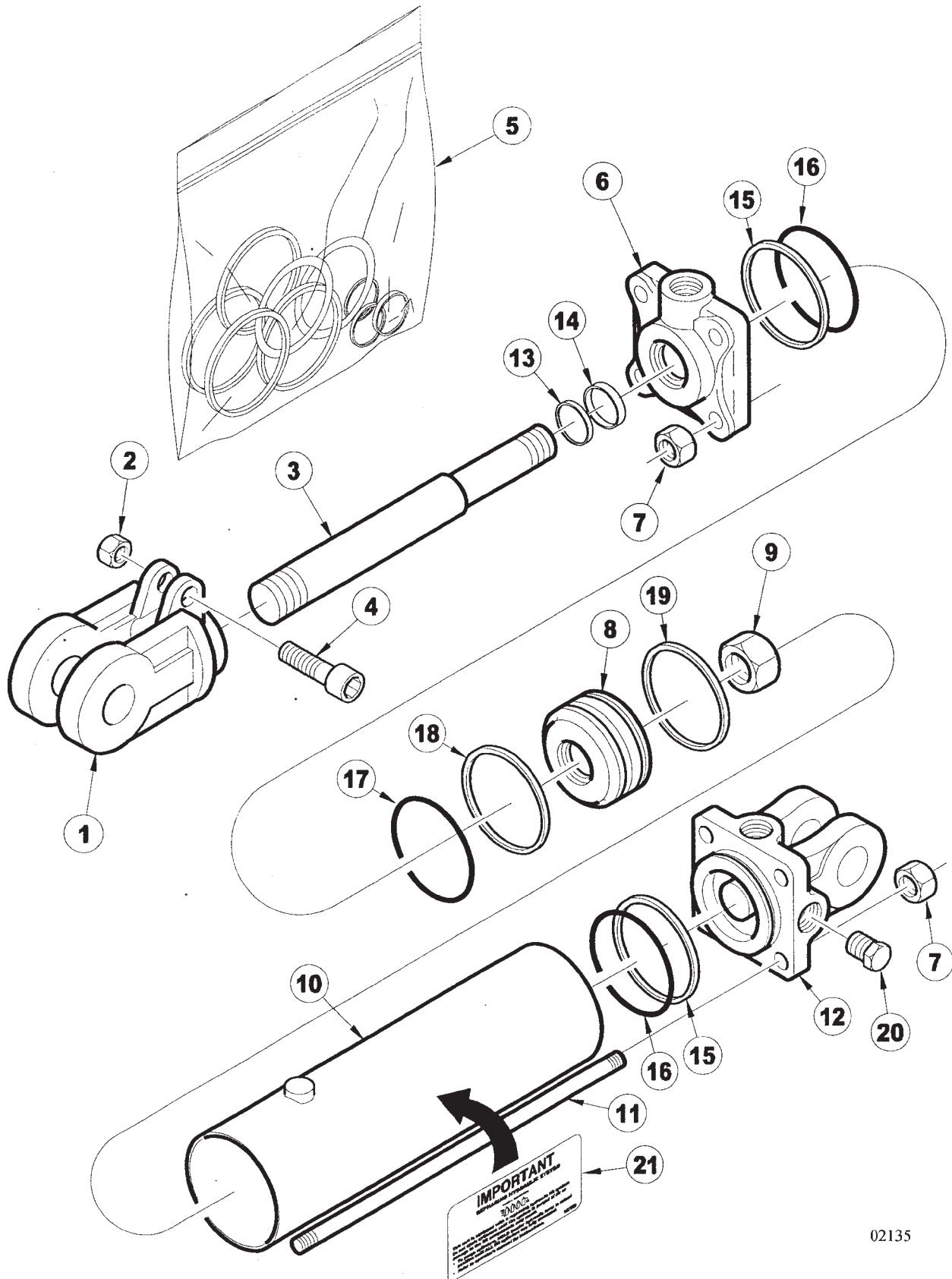
ITEM	NUMBER	QTY	DESCRIPTION
1	SN8610-1		CLEVIS, 1 1/4" THREADS, 1" PIN W/BUSHING, CROSS
2	SN8671-1		CAPSCREW NUT, 5/16" THREADS CROSS
3	SN8898-1		ROD, 1 3/8" DIA, 8" REPHASING, CROSS
4	SN8631-1		CAPSCREW, CROSS
5	SN8776-1		SEAL KIT, 3 3/4", 1 3/8" ROD, REPHASING CROSS
6	SN8736-10		HEAD, 3 3/4", 1 3/8" ROD REPHASING, CROSS
7	SN8864-1		TIE ROD NUT, 5/8" THREADS CROSS
8	SN8717-1		PISTON, 3 3/4" W/1" HOLE REPHASING CROSS
9	SN8683-1		PISTON NUT, 1" CROSS
10	SN8827-1		TUBE, 3 3/4" X 8" REPHASING CROSS
11	SN8851-1		TIE ROD BOLT, 8" CROSS
12	SN8698-10		BASE, 3 3/4" (ORB), 1" PIN REPHASING CROSS
13			* WIPER
14			* U-CUP
15			* BACKUP
16			* O-RING
17			* O-RING
18			* TEFLON RING
19			* WEAR RING
20	SN4458		PLUG, 3/4"-16 O.R.
21	SN997052		SYSTEMS MUST BE BLEED OF AIR - DECAL

* AVAILABLE IN THE SEAL KIT ONLY!
NOTE:WHEN ORDERING HYDRAULIC CYLINDER
COMPONENTS, BE SURE TO NOTE THE PART
NUMBER AND THE CYLINDER PSI. (LOCATED
ON THE CYLINDER DECAL AS THEY CONTAIN
DIFFERENT COMPONENTS. OLDER CYLINDERS
WERE 2500 PSI. AND THE NEW CYLINDERS
ARE 3000 PSI. IDENTIFYING THE PART
NUMBER OF THE CYLINDER IS EXTREMELY
IMPORTANT WHEN ORDERING PARTS TO
ENSURE PROPER OPERATION OF THE
HYDRAULIC CYLINDER.

I0002135
PR: t05g30h47b0019

4411 DISC RIPPER
SERVICE PARTS

3 3/4" X 8" CYLINDER SN12059R
(VERSION 2, 6/27/03 & LATER)



**4411 DISC RIPPER
SERVICE PARTS**

45

**3 3/4" X 8" CYLINDER SN12059R
(VERSION 2, 6/27/03 & LATER)**

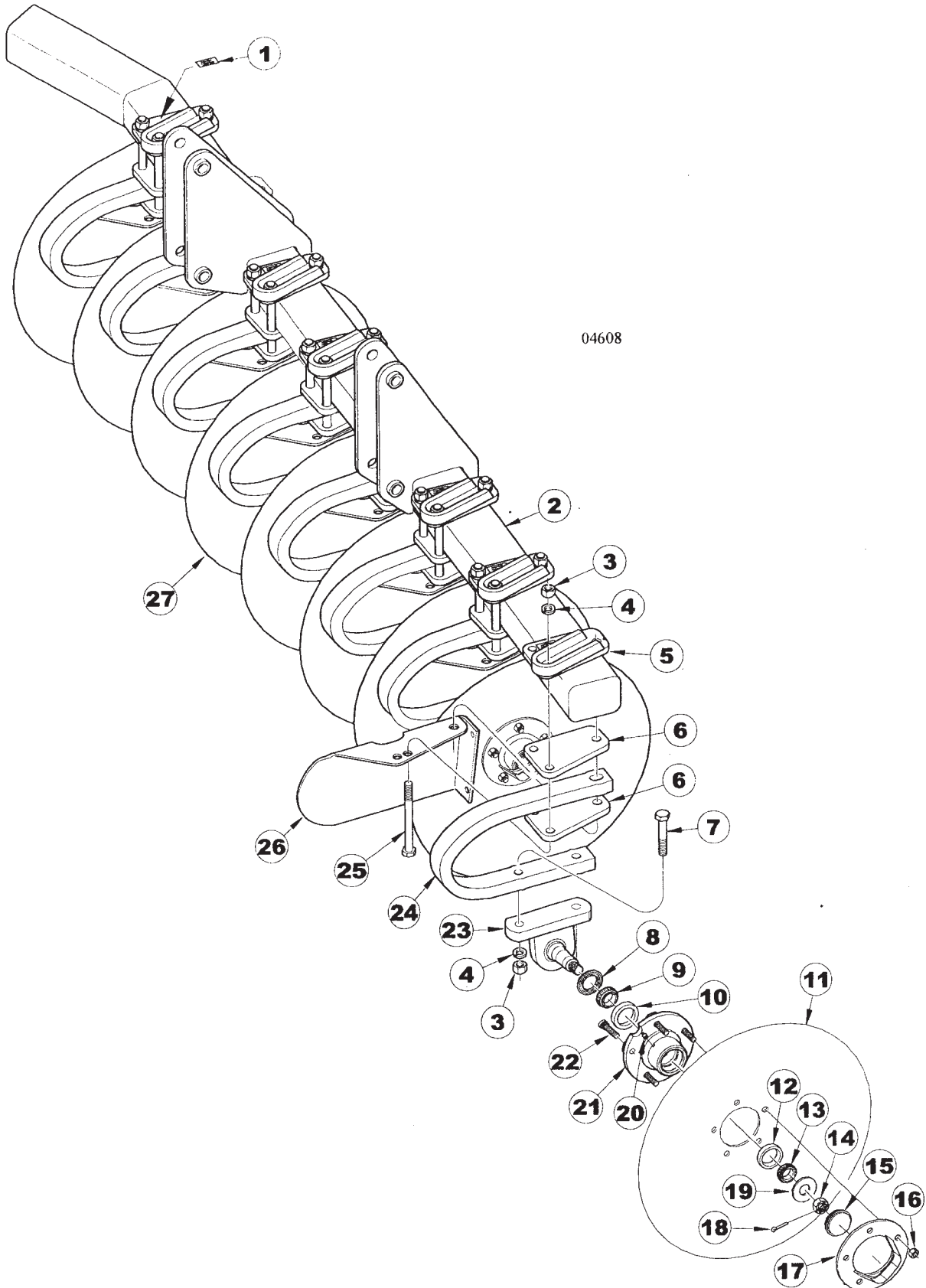
ITEM	NUMBER	QTY	DESCRIPTION
1	SN8610-1		CLEVIS, 1 1/4" THREADS, 1" PIN W/BUSHING, CROSS
2	SN8671-1		CAPSCREW NUT, 5/16" THREADS CROSS
3	SN12055		ROD, 1 3/8" DIA, 8" REPHASING, CROSS
4	SN8631-1		CAPSCREW, CROSS
5	SN8776-1		SEAL KIT, 3 3/4", 1 3/8" ROD, REPHASING CROSS
6	SN8736-10		HEAD, 3 3/4", 1 3/8" ROD REPHASING, CROSS
7	SN8864-1		TIE ROD NUT, 5/8" THREADS CROSS
8	SN8655-1		PISTON, 3 3/4" W/1" HOLE REPHASING CROSS
9	SN8683-1		PISTON NUT, 1" CROSS
10	SN8827-1		TUBE, 3 3/4" X 8" REPHASING CROSS
11	SN12033		TIE ROD BOLT, 8" CROSS
12	SN8656-10		BASE, 3 3/4" (ORB), 1" PIN REPHASING CROSS
13			* WIPER
14			* U-CUP
15			* BACKUP
16			* O-RING
17			* O-RING
18			* TEFLON RING
19			* WEAR RING
20	SN4458		PLUG, 3/4"-16 O.R.
21	SN997052		SYSTEMS MUST BE BLED OF AIR - DECAL

* AVAILABLE IN THE SEAL KIT ONLY!
NOTE:WHEN ORDERING HYDRAULIC CYLINDER
COMPONENTS, BE SURE TO NOTE THE PART
NUMBER AND THE CYLINDER PSI. (LOCATED
ON THE CYLINDER DECAL AS THEY CONTAIN
DIFFERENT COMPONENTS. OLDER CYLINDERS
WERE 2500 PSI. AND THE NEW CYLINDERS
ARE 3000 PSI. IDENTIFYING THE PART
NUMBER OF THE CYLINDER IS EXTREMELY
IMPORTANT WHEN ORDERING PARTS TO
ENSURE PROPER OPERATION OF THE
HYDRAULIC CYLINDER.

I0002135
PR: t05g30h47b0020

4411 DISC RIPPER
SERVICE PARTS

INDIVIDUAL FRONT BLADE ASSEMBLY
(VERSION 1)



**4411 DISC RIPPER
SERVICE PARTS**

47

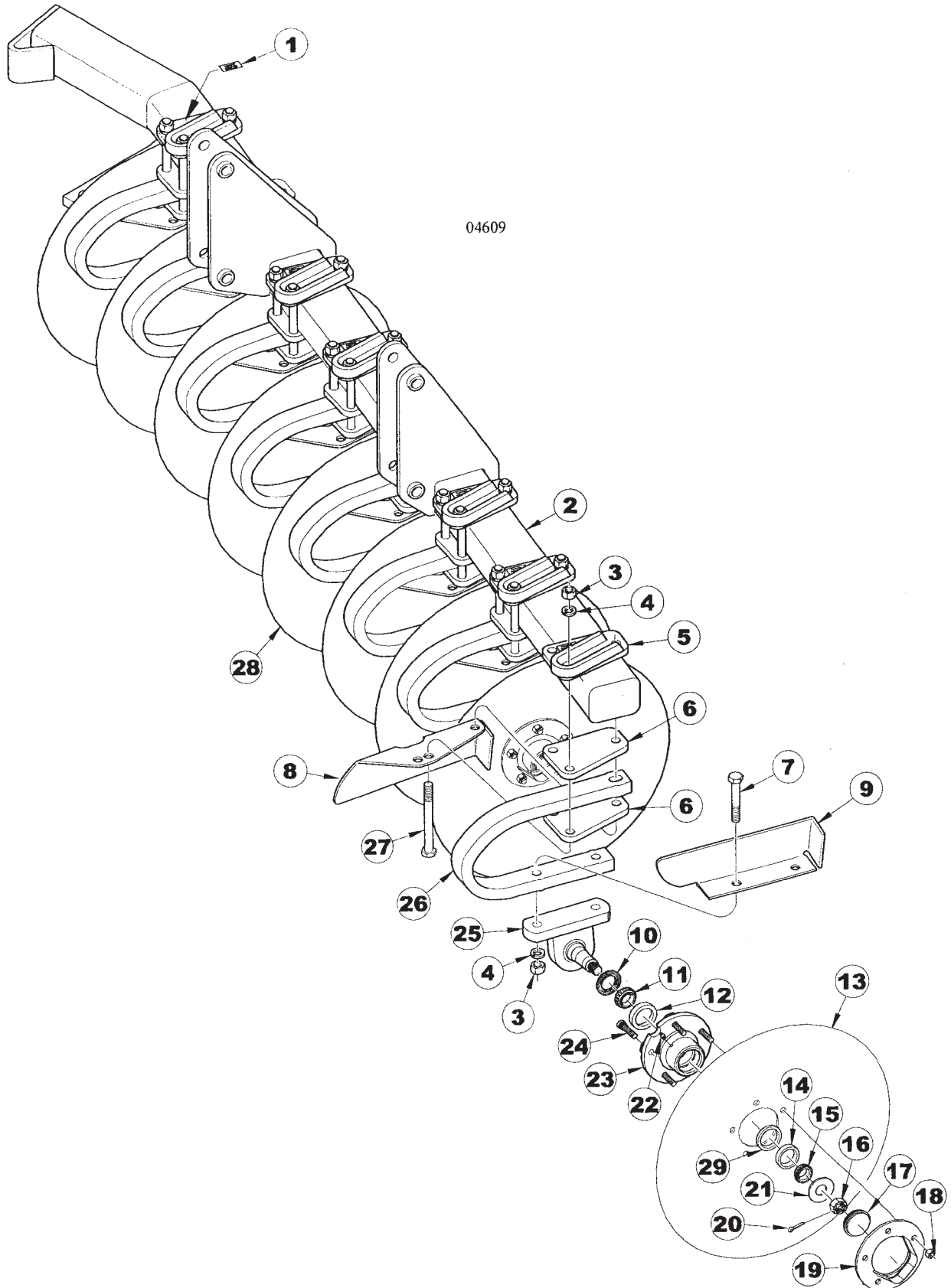
**INDIVIDUAL FRONT BLADE ASSEMBLY
(VERSION 1)**

ITEM	NUMBER	QTY	DESCRIPTION
1	SN997402		PATENT PENDING DECAL
2	SN9157		GANG BAR, 92 3/4", LT FRONT, 7 @ 24
	SN9158		GANG BAR, 102", RT FRONT, 7 @ 30 & 9 @ 24
	SN9159		GANG BAR, 118 3/4", LT FRONT, 7 @ 30 & 9 @ 24
	SN9154		GANG BAR, 63", RT FRONT, 5 @ 30
	SN9155		GANG BAR, 79 3/4", LT FRONT, 5 @ 30
	SN9156		GANG BAR, 76", RT FRONT, 7 @ 24
3	SN106		HEX NUT, 3/4"-10 FULL, GR 5, Y/D
4	SN1040		LOCK WASHER, 3/4" SPLIT TYPE MED, Y/D
5	SN9196		C-FLEX CLAMP PLATE, TOP RT
	SN9197		C-FLEX CLAMP PLATE, TOP LT (SHOWN)
6	SN9033		C-FLEX CLAMP PLATE
7	SN1345		HEX BOLT, 3/4"-10 X 3", GR 5, Y/D
8	SNFK310044		TRIPLE LIP SEAL
9	SN1606		BEARING (LM67048)
10	SN1603		RACE (LM48510)
11	SN7602N		20.18" BLADE, 5 BOLT,.256" THICK, 1.55" CON 1.55" CON
12	SN1605		RACE (LM67010)
13	SN1602		BEARING (LM48548)
14	SN2491		HEX NUT, 7/8"-14 FULL SLOTTED GR 2, PLAIN
15	SN7604		DUST CAP, 2.448" OD X.74" TH, Y/D
16	SN1611		LUG NUT, 1/2"-20, GR 5, 90 DEG TAPER, Y/D
17	SN7377		RETAINER, HUB CAP
18	SN1609		COTTER PIN, 3/16" X 1 1/2"
19	SNFK340051		FLAT WASHER, 2" OD X 15/16" ID SPECIAL
20	SN2098-6		GREASE ZERK, 1/4"-28, 17/32" L
21	SNFK340090		FIVE BOLT HUB W/CUPS
22	SN1611-1		SHOULDER BOLT, 1/2"-20 X 2" PRESS IN, 5/8" SHOULDER
23	SN9119		SPINDLE, INDIVIDUAL DISC
24	SN5978		SHANK, C-FLEX, 1" X 2 1/2", LEFT (SHOWN)
	SN5977		SHANK, C-FLEX, 1" X 2 1/2", RIGHT
25	SN918		HEX BOLT, 3/4"-10 X 8", GR 5, Y/D
26	SN9123		C-FLEX MOUNT SHIELD, RT
	SN9124		C-FLEX MOUNT SHIELD, LT
27	SN7599N		22.33" BLADE, 5 BOLT,.256" THICK, 2" CON

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PR: t05g30h47b0021

4411 DISC RIPPER
SERVICE PARTS

INDIVIDUAL FRONT BLADE ASSEMBLY
(VERSION 2)



**4411 DISC RIPPER
SERVICE PARTS**

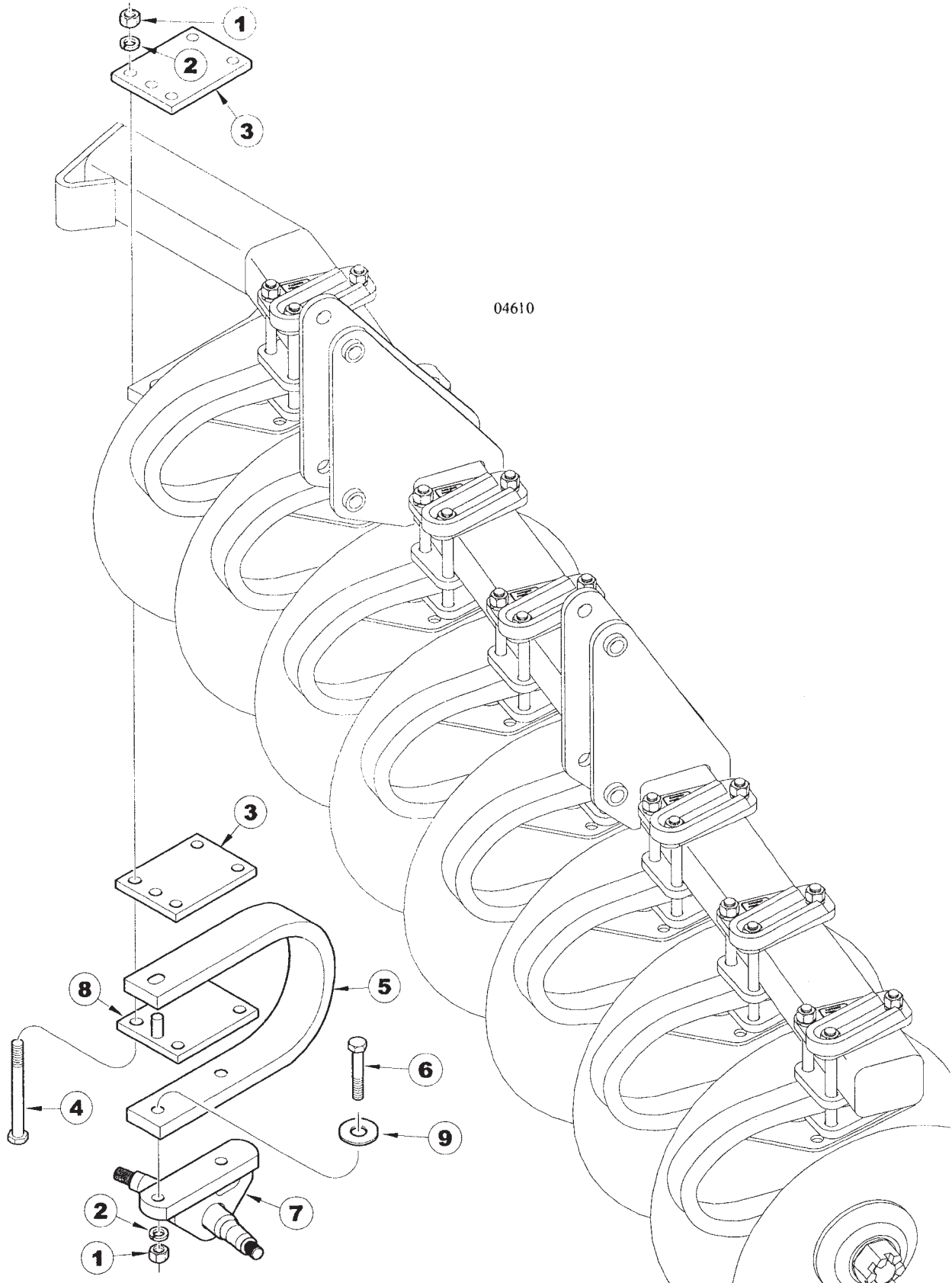
49

**INDIVIDUAL FRONT BLADE ASSEMBLY
(VERSION 2)**

ITEM	NUMBER	QTY	DESCRIPTION
1	SN997654		PATENT DECAL, #6,158,523
2	SN9157		GANG BAR, 92", LT FRONT, 7 @ 24
	SN9158		GANG BAR, 102", RT FRONT, 7 @ 30 & 9 @ 24
	SN9159		GANG BAR, 118", LT FRONT, 7 @ 30 & 9 @ 24
	SN9154		GANG BAR, 63", RT FRONT, 5 @ 30
	SN9155		GANG BAR, 79", LT FRONT, 5 @ 30
	SN9156		GANG BAR, 76", RT FRONT, 7 @ 24
3	SN106		HEX NUT, 3/4"-10 FULL, GR 5, Y/D
4	SN1040		LOCK WASHER, 3/4" SPLIT TYPE MED, Y/D
5	SN9196		C-FLEX CLAMP PLATE, TOP RT
	SN9197		C-FLEX CLAMP PLATE, TOP LT (SHOWN)
6	SN9033		C-FLEX CLAMP PLATE
7	SN105		HEX BOLT 3/4"-10 X 3 1/2", GR 5, Y/D
8	SN9423		C-FLEX MOUNT SHIELD, TOP RIGHT
	SN9424		C-FLEX MOUNT SHIELD, TOP LEFT (SHOWN)
9	SN9426		C-FLEX MOUNT SHIELD, BOTTOM LEFT (SHOWN)
	SN9425		C-FLEX MOUNT SHIELD, BOTTOM RIGHT
10	SNFK310044		TRIPLE LIP SEAL
11	SN1606		BEARING (LM67048)
12	SN1603		RACE (LM48510)
13	SN7602N		20.18" BLADE, 5 BOLT,.256" THICK, 1.55" CON
14	SN1605		RACE (LM67010)
15	SN1602		BEARING (LM48548)
16	SN2491		HEX NUT, 7/8"-14 FULL SLOTTED GR 2, PLAIN
17	SN7604		DUST CAP, 2.448" OD X.74" TH, Y/D
18	SN1611		LUG NUT, 1/2"-20, GR 5, 90 DEG TAPER, Y/D
19	SN7377		RETAINER, HUB CAP
20	SN1609		COTTER PIN, 3/16" X 1 1/2"
21	SNFK340051		FLAT WASHER, 2" OD X 15/16" ID SPECIAL
22	SN2098-6		GREASE ZERK, 1/4"-28, 17/32" L
23	SNFK340090		FIVE BOLT HUB W/CUPS
24	SN1611-1		SHOULDER BOLT, 1/2"-20 X 2" PRESS IN, 5/8" SHOULDER
25	SN9119		SPINDLE, INDIVIDUAL DISC
26	SN5978		SHANK, C-FLEX, 1" X 2 1/2", LEFT (SHOWN)
	SN5977		SHANK, C-FLEX, 1" X 2 1/2", RIGHT
27	SN918		HEX BOLT, 3/4"-10 X 8", GR 5, Y/D
28	SN7599N		22.33" BLADE, 5 BOLT,.256" THICK, 2" CON
29	SNFK310045		WEAR SLEEVE (C/R 081071)

I0004609
PR: t05g30h47b0022

INDIVIDUAL FRONT BLADE CENTER SHANK
ASSY. (LEFT FRONT GANG)



**4411 DISC RIPPER
SERVICE PARTS**

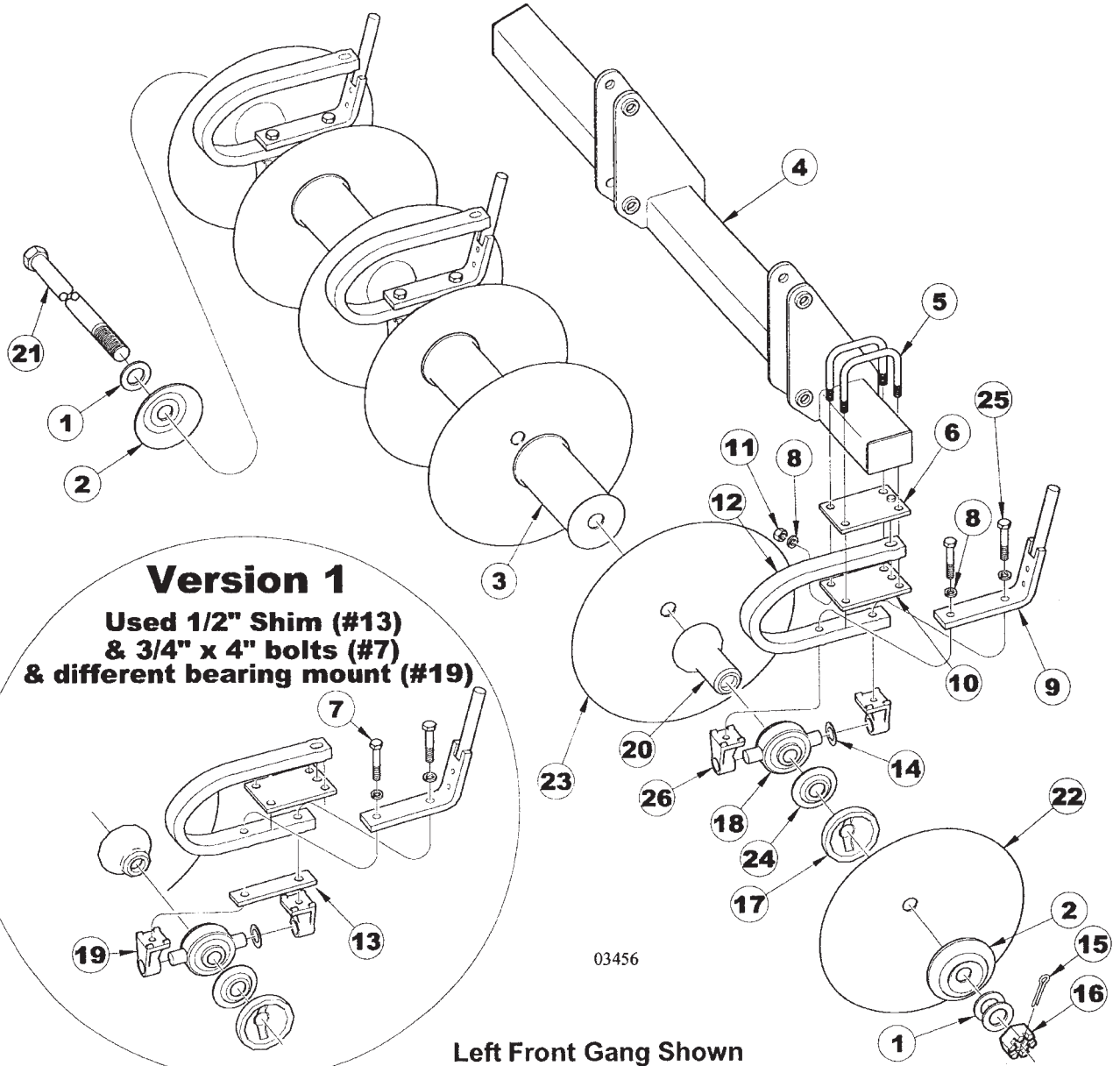
51

**INDIVIDUAL FRONT BLADE CENTER SHANK
ASSY. (LEFT FRONT GANG)**

ITEM	NUMBER	QTY	DESCRIPTION
1	SN106		HEX NUT, 3/4"-10 FULL, GR 5, Y/D
2	SN1040		LOCK WASHER, 3/4" SPLIT TYPE MED, Y/D
3	SN9037		C-FLEX MOUNTING PLATE
4	SN918		HEX BOLT, 3/4"-10 X 8", GR 5, Y/D
5	SN10400		SHANK, 1 1/4" X 3" C-FLEX (NEW CENTER SHANK IS THICKER THAN OLD 4971B, BUT IS A DIRECT REPLACEMENT)
6	SN6406		HEX BOLT, 3/4"-10 X 3 1/2", 1 1/4" (MUST BE USED WITH NEW PART # 10400 SHANK)
7	SN9118		SPINDLE, INDIVIDUAL DISC, CTR
8	SN9153		C-FLEX MOUNTING PLATE W/STUD
9	SN893		FLAT WASHER, 3/4" Y/D (MUST BE USED WITH NEW PART# 10400 SHANK)

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PR: t05g30h47b0023

SOLID FRONT GANG ASSEMBLY



**4411 DISC RIPPER
SERVICE PARTS**

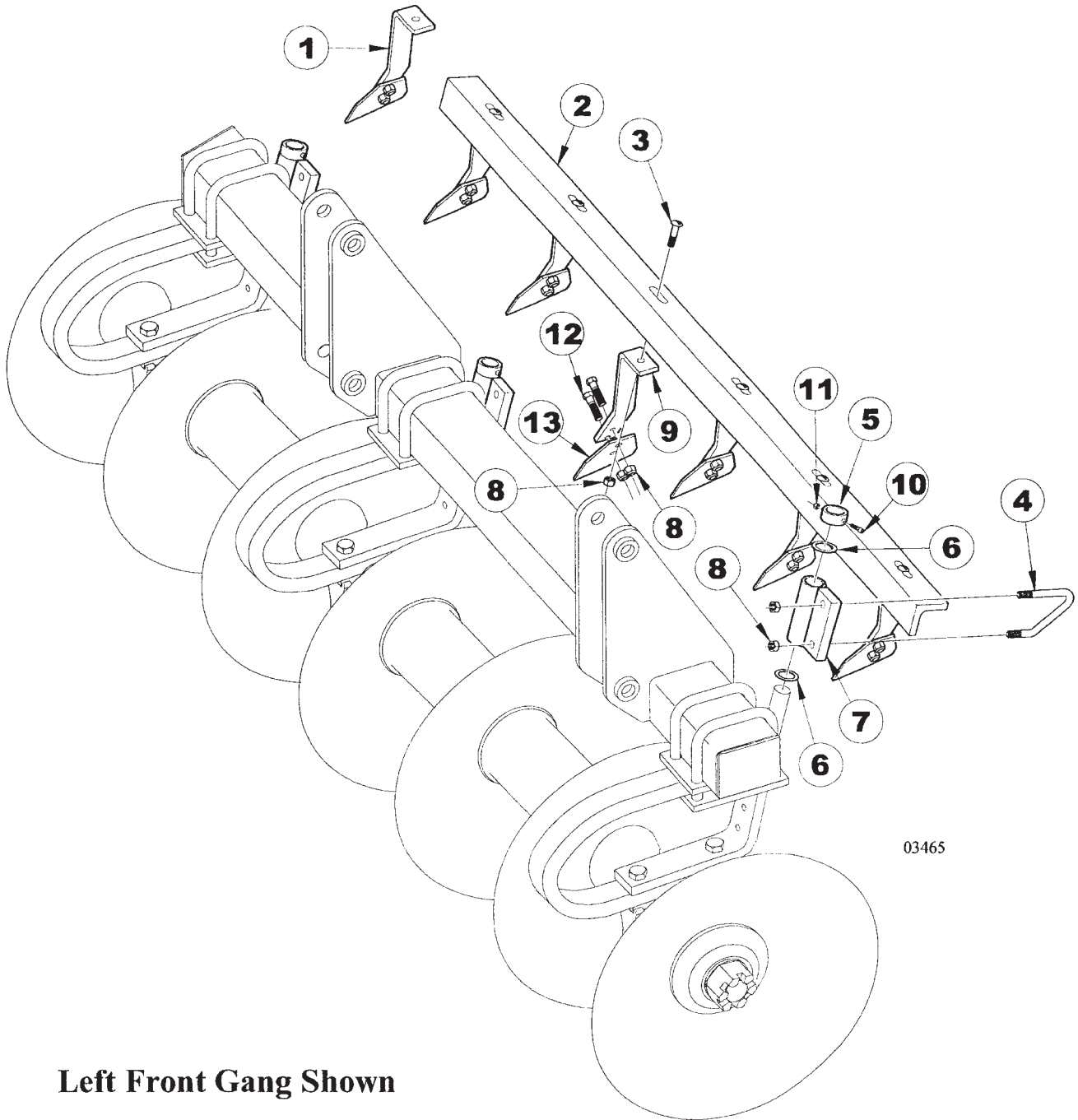
53

SOLID FRONT GANG ASSEMBLY

ITEM	NUMBER	QTY	DESCRIPTION
1	SN2037		FLAT WASHER, 1 13/16" ID X 2 13/16" OD X 1/4" THICK
2	SN2723B		SPRING END COLLAR, 1 3/4" BORE
3	SN5026		SPOOL, FULL, 1 3/4" BORE, 12 1/2" SP
4	SN9072		GANG BAR, 72" RT FRT, 5 @ 30
	SN9073		GANG BAR, 72" LT FRT, 5 @ 30
	SN9064		GANG BAR, 83" RT FRT, 7 @ 24
	SN9065		GANG BAR, 83" LT FRT, 7 @ 24
	SN9066		GANG BAR, 108" RT FRT, 7 @ 30 & 9 @ 24
	SN9067		GANG BAR, 108" LT FRT, 7 @ 30 & 9 @ 24
5	SN9008		U-BOLT, 3/4"-10 X 7 1/4" X 5 13/16" W, Y/D
6	SN6148		C-FLEX MOUNTING PLATE, TOP
7	SN7138		HEX BOLT, 3/4"-10 X 4" GR 8, Y/D
8	SN1040		LOCK WASHER, 3/4" SPLIT TYPE MED, Y/D
9	SN7141		SCRAPER BAR ANCHOR, RIGID
10	SN6147		C-FLEX MOUNTING PLATE
11	SN105		HEX BOLT, 3/4"-10 X 3 1/2", GR 5, Y/D
12	SN5975		SHANK, C-FLEX, 1 1/4" X 2 1/2" RIGHT (USED ON RIGHT FRONT & LEFT REAR GANG)
	SN5976		SHANK, C-FLEX, 1 1/4" X 2 1/2" LEFT (USED ON LEFT FRONT & RIGHT REAR GANG)
13	SN3937		SHIM, 1/2" THICK
14	SN3095		FLAT WASHER, 1 1/2" ID X 2 1/4" OD, 10 GA, Y/D
15	SN108		COTTER PIN, 5/16" X 2 1/2", Y/D
16	SN2036		HEX NUT, 1 3/4"-5 SLOTTED HEAVY GR 2, Y/D
17	SN2819B		SPOOL, BEARING, 1 3/4" BORE, 9 1/2" SP
18	SN3090		TRUNNION BEARING COMPLETE
19	SN3096		TRUNNION BEARING MOUNT
20	SN4954		SPOOL, LONG BEARING, 12 1/2" SP
21	SN5110		SHAFT, 69", 1 3/4" DIA (5 SHANK)
	SN1997		SHAFT, 81 1/2", 1 3/4" DIA (7 SHANK)
	SN3890		SHAFT, 106 1/2", 1 3/4" DIA (9 SHANK)
22	SN3271N		19.69" BLADE, 1 3/4" BORE 4 GA 1 7/8" CONCAVITY (7 & 9 SHANK)
23	SN2686N		22" BLADE, 1 3/4" BORE 4 GA, 2 1/2" CONCAVITY (7 & 9 SHANK)
24	SN7863		TRUNNION BEARING SHIELD
25	SN6307		HEX BOLT, 3/4" -10 X 3" GR 8, Y/D
26	SN9691		TRUNNION BEARING MOUNT

I0003456
PR: t05g30h47b0024

FRONT SCRAPER BAR ASSEMBLY



03465

Left Front Gang Shown

4411 DISC RIPPER
SERVICE PARTS

55

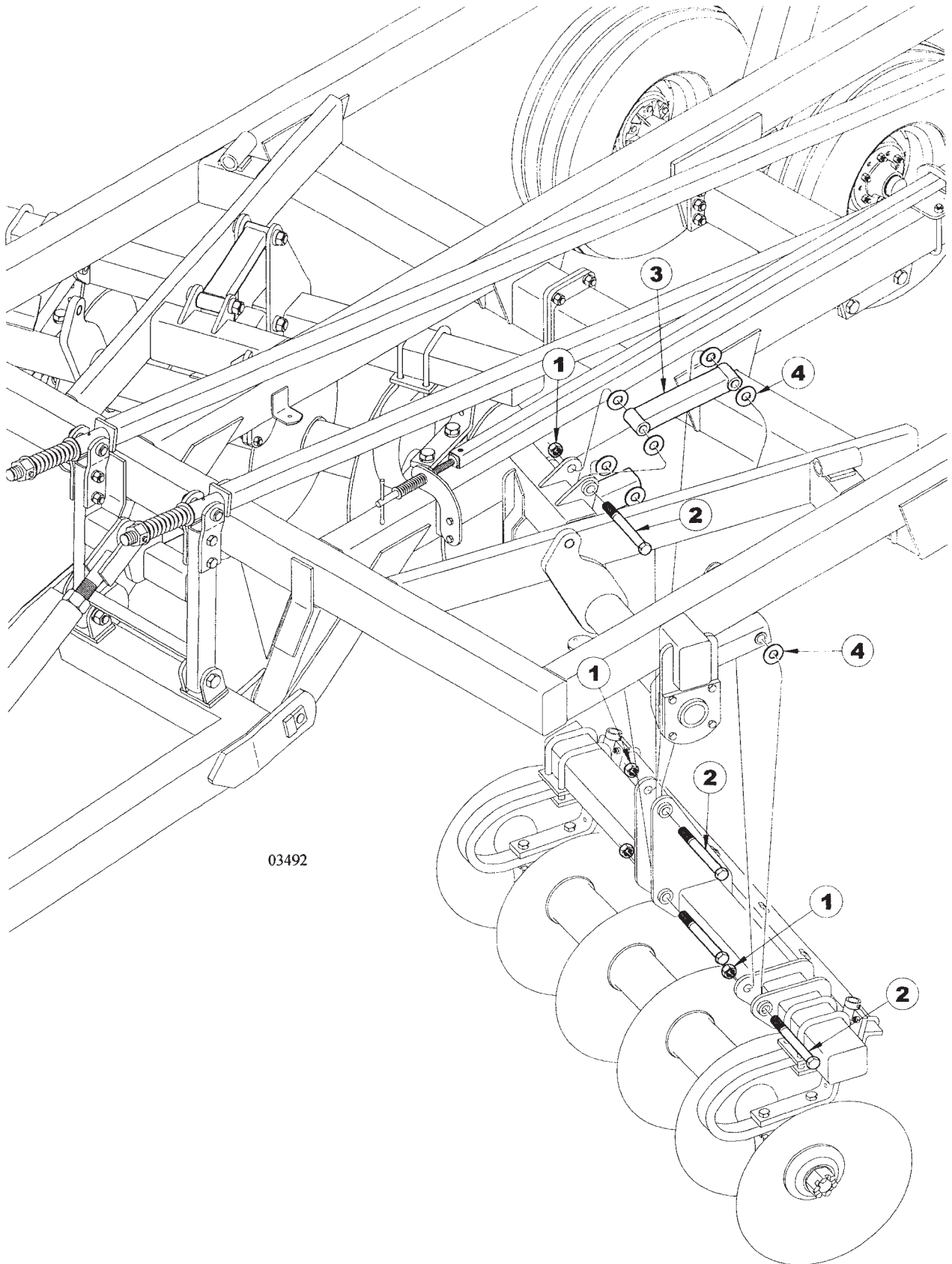
FRONT SCRAPER BAR ASSEMBLY

ITEM	NUMBER	QTY	DESCRIPTION
1	SN6733		SCRAPER BLADE W/ARM (10 3/8" L) RIGHT RIGID
	SN6734		SCRAPER BLADE W/ARM (10 3/8" L) LEFT RIGID
2	SN9024		SCRAPER BAR, RIGID, 5 HOLE - 12.5" SP
	SN9025		SCRAPER BAR, RIGID, 6 HOLE
	SN9026		SCRAPER BAR, RIGID, 8 HOLE
3	SN6101		CARRIAGE BOLT, 1/2"-13 X 1 3/4", GR5, Y/D
4	SN6773		U-BOLT, 1/2"-13 X 4 1/8" X 2 1/8" X 3 1/4" W, GR 5, Y/D
5	SN7139		LOCKING COLLAR W/O SET SCREW
6	SN2555		MACHINE BUSHING, 1 1/4" ID X 1 7/8" OD, 10 GA, Y/D
7	SN7140		SCRAPER BAR MOUNT
8	SN2096		LOCK NUT, 1/2"-13 HEX NYLON INSERT, GR 8, Y/D
9	SN6732		SCRAPER ARM, 10 3/8" L
10	SN3880		SHOULDER BOLT, 5/16" X 1 3/4", GR 8 EQUIV
11	SN3881		LOCK NUT, 1/4"-20 HEX NYLON INSERT, GR 2, Y/D
12	SN1823		HEX BOLT, 1/2"-13 X 1 1/4", GR 5, Y/D
13	SN6103		SCRAPER BLADE, 4" WIDE, RIGID

I0003465
PR: t05g30h47b0025

4411 DISC RIPPER
SERVICE PARTS

5 SHANK FRONT GANG MOUNTING



03492

**4411 DISC RIPPER
SERVICE PARTS**

57

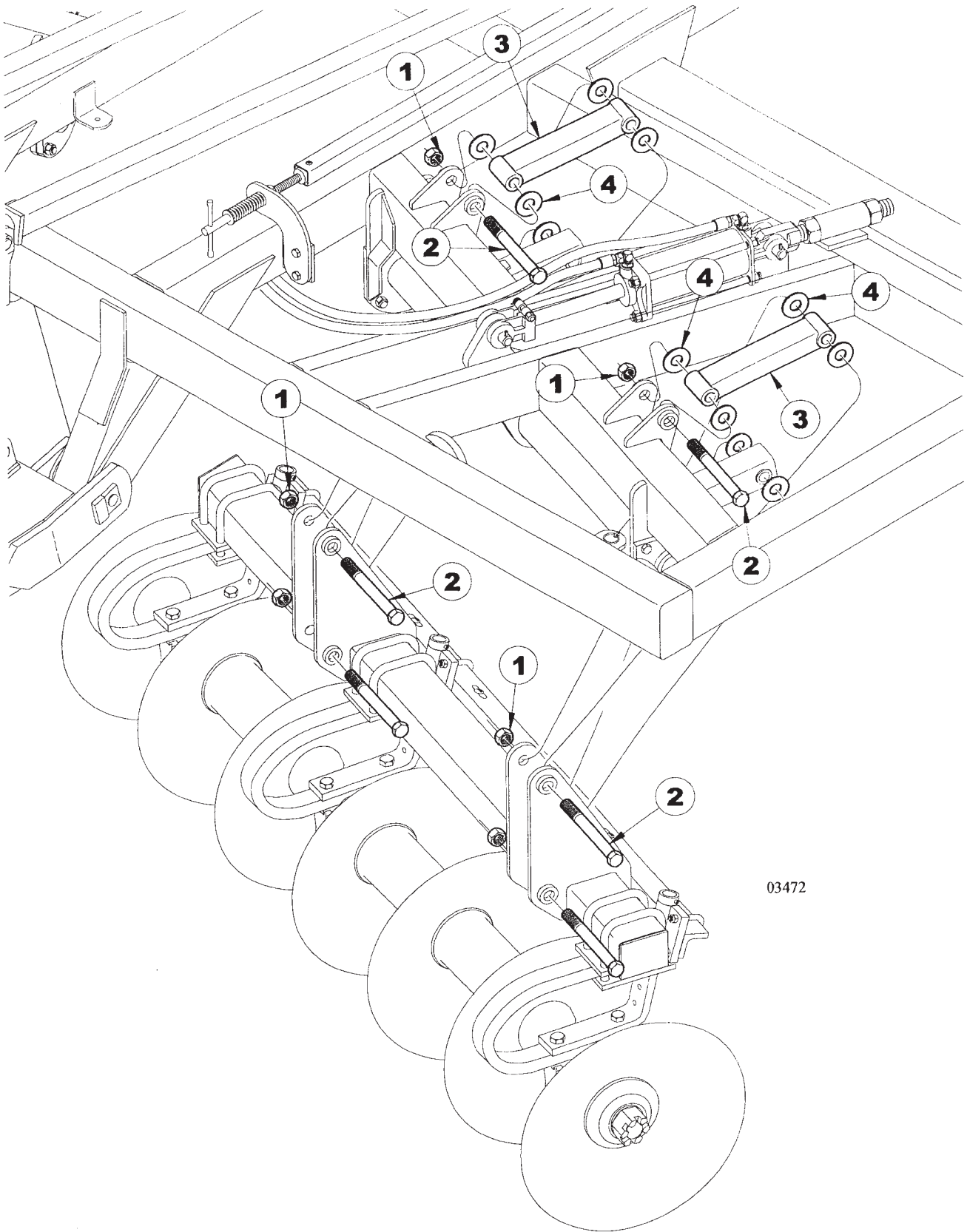
5 SHANK FRONT GANG MOUNTING

ITEM	NUMBER	QTY	DESCRIPTION
1	SN3938		LOCK NUT, 1"-8 HEX NYLON INSERT, GR 2, Y/D
2	SN109		HEX BOLT, 1"-8 X 7", GR 5, Y/D
3	SN9034		PARALLEL GANG LINK
4	SNFK150173		FLAT WASHER, 1" SAE, Y/D

I0003492
PR: t05g30h47b0026

4411 DISC RIPPER
SERVICE PARTS

7 & 9 SHANK FRONT GANG MOUNTING



03472

4411 DISC RIPPER
SERVICE PARTS

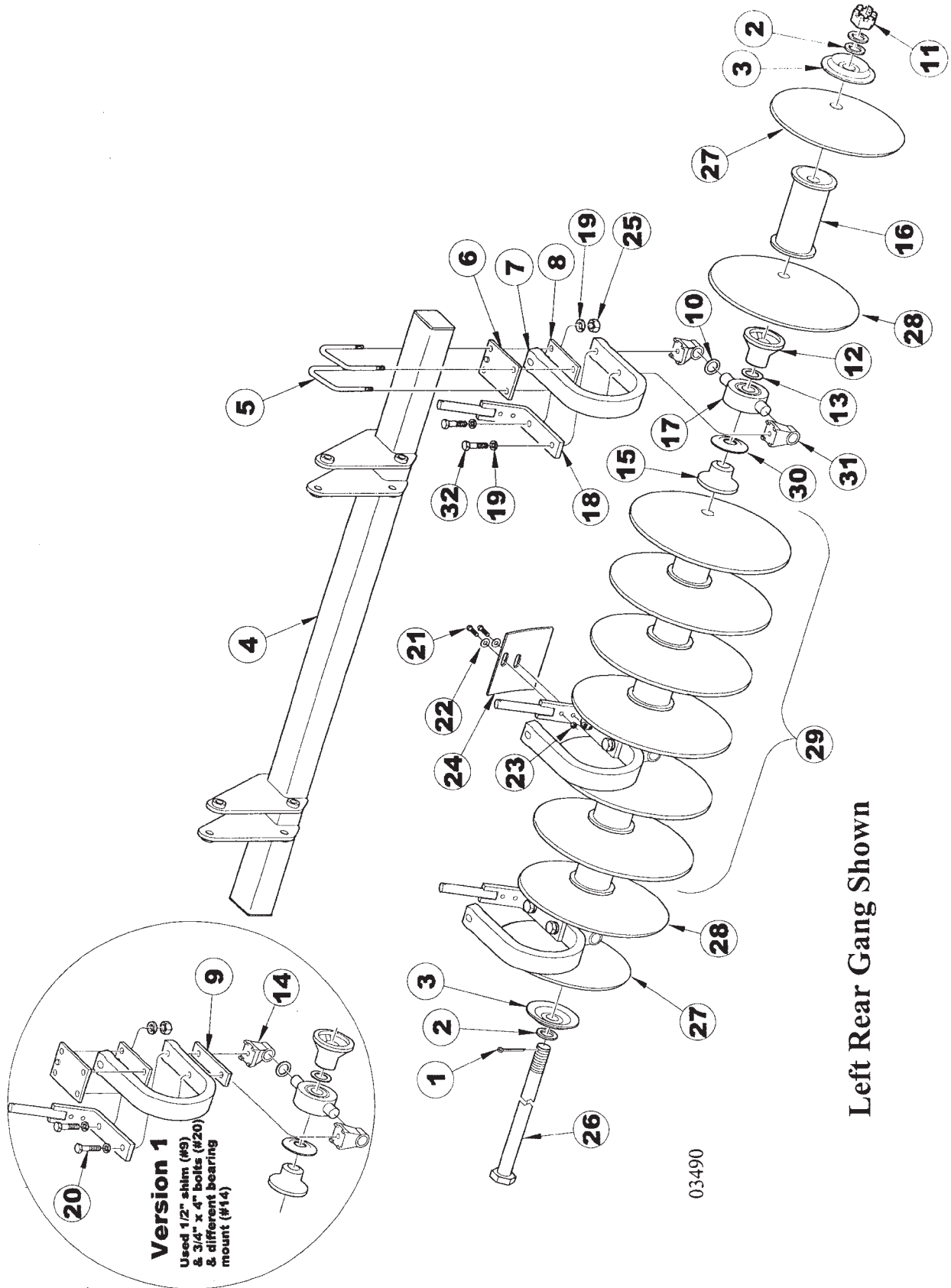
59

7 & 9 SHANK FRONT GANG MOUNTING

ITEM	NUMBER	QTY	DESCRIPTION
1	SN3938		LOCK NUT, 1"-8 HEX NYLON INSERT, GR 2, Y/D
2	SN109		HEX BOLT, 1"-8 X 7", GR 5, Y/D
3	SN9034		PARALLEL GANG LINK
4	SNFK150173		FLAT WASHER, 1" SAE, Y/D

I0003472
PR: t05g30h47b0027

REAR GANG ASSEMBLY



**4411 DISC RIPPER
SERVICE PARTS**

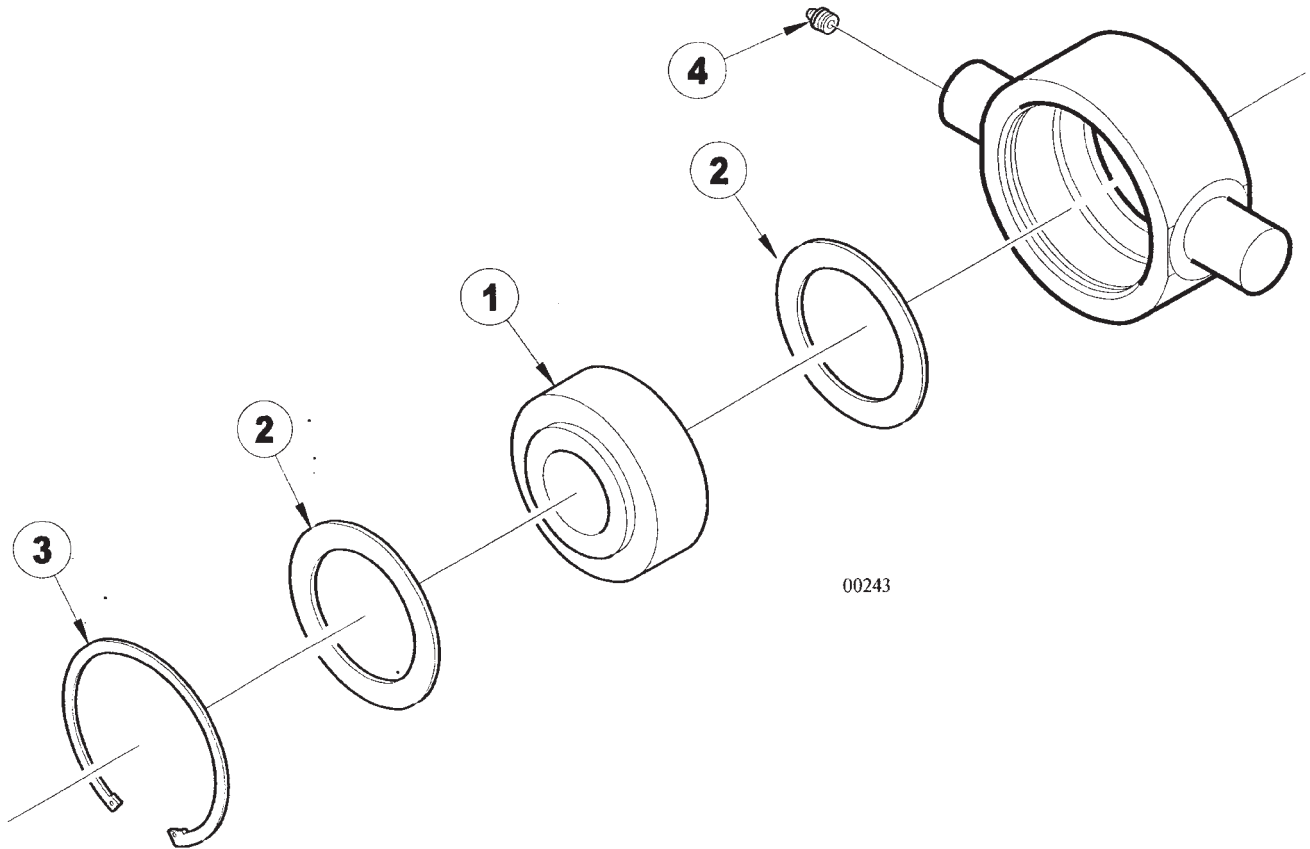
61

REAR GANG ASSEMBLY

ITEM	NUMBER	QTY	DESCRIPTION
1	SN108		COTTER PIN, 5/16" X 2 1/2", Y/D
2	SN2037		FLAT WASHER, 1 13/16" ID X 2 13/16" OD X 1/4" THICK
3	SN2723B		SPRING END COLLAR, 1 3/4" BORE
4	SN9074		GANG BAR, 89" RT RR, 5 @ 30
	SN9075		GANG BAR, 89" LT RR, 5 @ 30
	SN9068		GANG BAR, 99 1/2" RT RR, 7 @ 24
	SN9069		GANG BAR, 99 1/2" LT RR, 7 @ 24
	SN9070		GANG BAR, 120 1/2" RT RR, 7 @ 30 & 9 @ 24
	SN9071		GANG BAR, 120 1/2" LT RR, 7 @ 30 & 9 @ 24
5	SN9008		U-BOLT, 3/4"-10 X 7 1/4" X 5 13/16" W, Y/D
6	SN6148		C-FLEX MOUNTING PLATE, TOP
7	SN5975		SHANK, C-FLEX, 1 1/4" X 2 1/2" RIGHT (USED ON LEFT REAR & RIGHT FRONT GANG)
	SN5976		SHANK, C-FLEX, 1 1/4" X 2 1/2" LEFT (USED ON RIGHT REAR & LEFT FRONT GANG)
8	SN6147		C-FLEX MOUNTING PLATE
9	SN3937		SHIM, 1/2" THICK
10	SN3095		FLAT WASHER, 1 1/2" ID X 2 1/4" OD, 10 GA, Y/D
11	SN2036		HEX NUT, 1 3/4"-5 SLOTTED HEAVY GR 2, Y/D
12	SN7423		SPOOL, LONG BEARING, 10 1/2"
13	SN2756		FLAT WASHER, 1 13/16" ID X 2 13/16" OD, 10 GA, Y/D
14	SN3096		TRUNNION BEARING MOUNT
15	SN2819B		SPOOL, BEARING, 1 3/4" BORE, 9 1/2" SP
16	SN7346		SPOOL, FULL, 10 1/2"
17	SN3090		TRUNNION BEARING COMPLETE
18	SN7141		SCRAPER BAR ANCHOR, RIGID
19	SN1040		LOCK WASHER, 3/4" SPLIT TYPE MED, Y/D
20	SN7138		HEX BOLT, 3/4"-10 X 4" GR 8, Y/D
21	SN330		HEX BOLT, 1/2"-13 X 2" GR 5, Y/D
22	SN486		FLAT WASHER, 1/2", Y/D
23	SN2096		LOCK NUT, 1/2"-13 HEX NYLON INSERT, GR 8, Y/D
24	SN9035		DUAL SCRAPER, 10 1/2" SP, REG CON
25	SN106		HEX NUT, 3/4"-10 FULL, GR 5, Y/D
26	SN7458		SHAFT, 90 1/2", 1 3/4" DIA (5SHANK)
	SN2008		SHAFT, 101", 1 3/4" DIA 7 @ 24
	SN9030		SHAFT, 122", 1 3/4" DIA 7 @ 30 & 9 @ 24
27	SN3283N		BLADE, 18", 1 3/4" BORE, 4 GA, 1 3/4" CONCAVITY
28	SN3271N		19.69" BLADE, 1 3/4" BORE 4 GA 1 7/8" CONCAVITY
29	SN2686N		22" BLADE, 1 3/4" BORE 4 GA, 2 1/2" CONCAVITY
30	SN7863		TRUNNION BEARING SHIELD
31	SN9691		TRUNNION BEARING MOUNT
32	SN6307		HEX BOLT, 3/4" -10 X 3" GR 8, Y/D

I0003490
PR: t05g30h47b0028

TRUNNION BEARING ASSEMBLY



00243

4411 DISC RIPPER
SERVICE PARTS

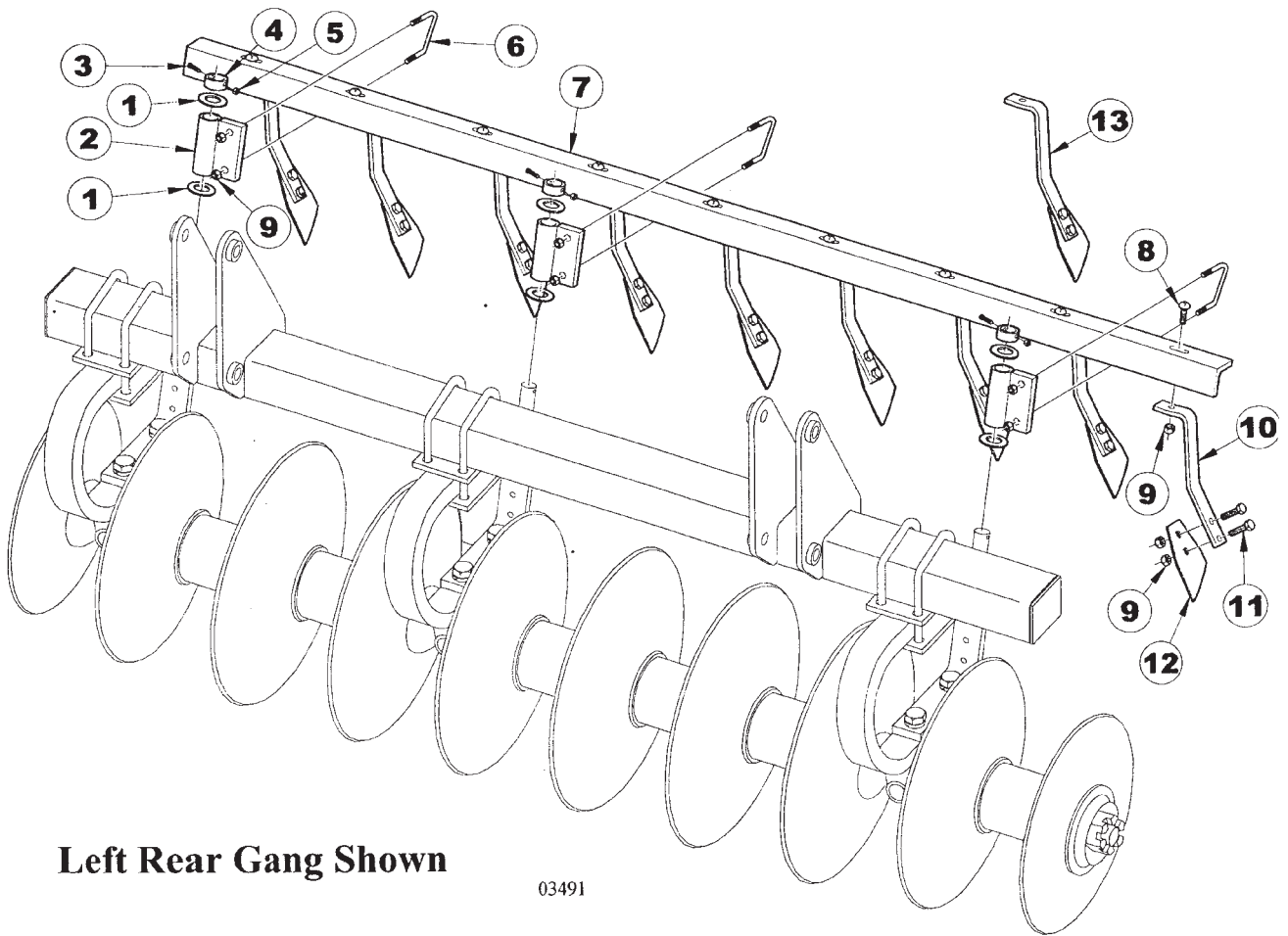
63

TRUNNION BEARING ASSEMBLY

ITEM	NUMBER	QTY	DESCRIPTION
1	SN3091		SUNFLOWER HOUSING, BCA BEARING
2	SN4924		TRUNNION BEARING REPLACEMENT TRUNNION BEARING SHIELD (BCA)2.8375" I.D. X 3.929" O.D. X.100" THICK
3	SN3094		TRUNNION BEARING RETAINER (FAFNIR) .109" THICK
4	SN2098-1		GREASE ZERK, 1/8" NPTF, 5/8" L TRUNNION BEARING SHIELD SPECIFICATIONS

I0000243
PR: t05g30h47b0029

REAR SCRAPER BAR ASSEMBLY



**4411 DISC RIPPER
SERVICE PARTS**

65

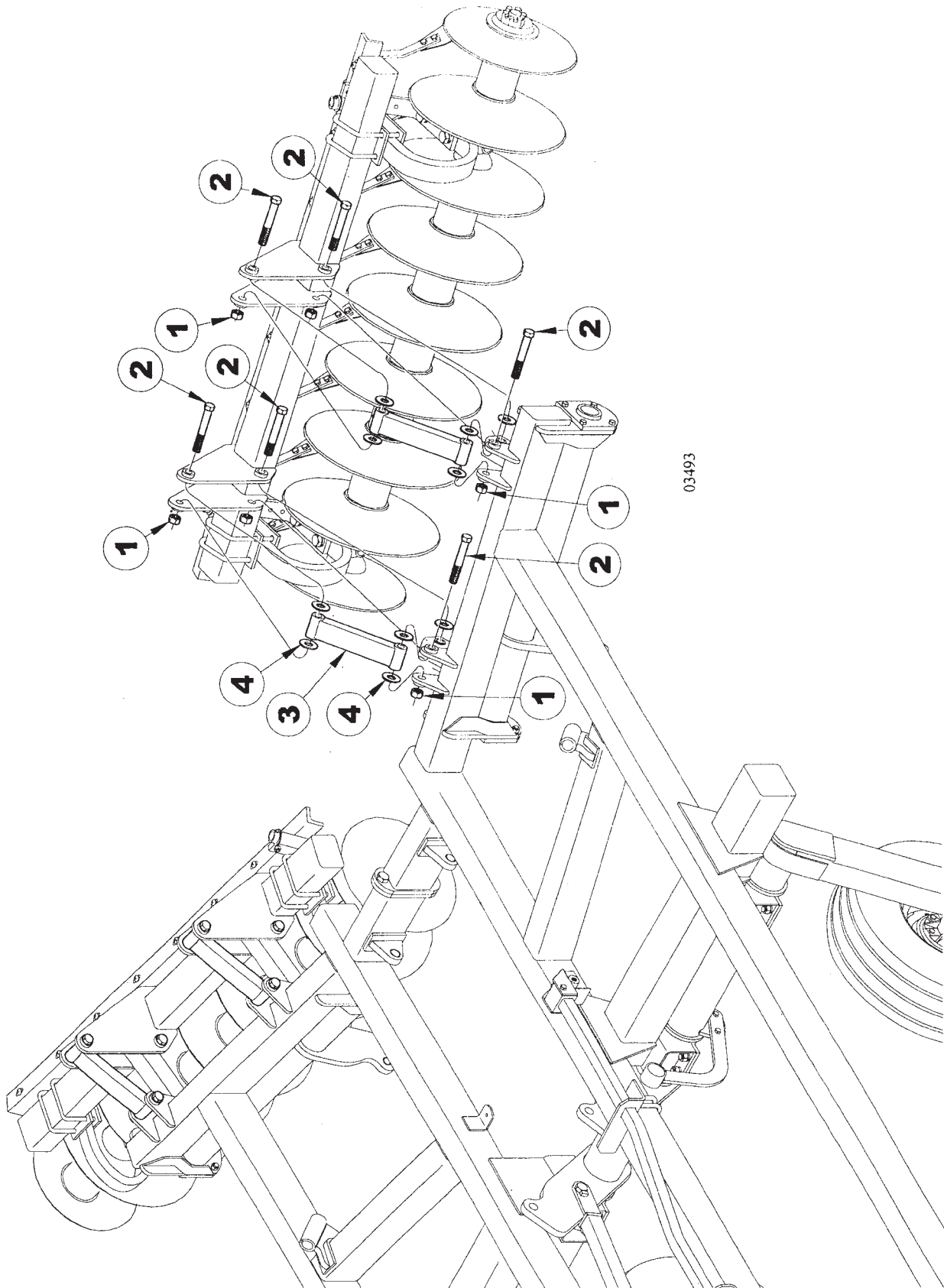
REAR SCRAPER BAR ASSEMBLY

ITEM	NUMBER	QTY	DESCRIPTION
1	SN2555		MACHINE BUSHING, 1 1/4" ID X 1 7/8" OD, 10 GA, Y/D
2	SN7140		SCRAPER BAR MOUNT EQUIV
3	SN3880		SHOULDER BOLT, 5/16" X 1 3/4", GR 8
4	SN7139		LOCKING COLLAR W/O SET SCREW
5	SN3881		LOCK NUT, 1/4"-20 HEX NYLON INSERT, GR 2, Y/D
6	SN6773		U-BOLT, 1/2"-13 X 4 1/8" X 2 1/8" X 3 1/4" W, GR
7	SN7439		SCRAPER BAR, RIGID, 9 HOLE, 10 1/2" SP (7 SHANK @ 24") (SHOWN)
	SN7440		SCRAPER BAR, RIGID 11 HOLE, 10 1/2" SP (7 SHANK @ 30", 9 SHANK @ 24")
	SN7438		SCRAPER BAR, RIGID, 8 HOLE - 10 1/2" SP (5 SHANK @ 30")
8	SN6101		CARRIAGE BOLT, 1/2"-13 X 1 3/4", GR 5, Y/D
9	SN2096		LOCK NUT, 1/2"-13 HEX NYLON INSERT, GR 8, Y/D
10	SN6732		SCRAPER ARM, 10 3/8" L
11	SN1823		HEX BOLT, 1/2"-13 X 1 1/4", GR 5, Y/D
12	SN6103		SCRAPER BLADE, 4" W RIGID
13	SN6733		SCRAPER BLADE W/ARM (10 3/8" L) RIGHT RIGID
	SN6734		SCRAPER BLADE W/ARM (10 3/8" L) LEFT RIGID

I0003491
PR: t05g30h47b0030

4411 DISC RIPPER
SERVICE PARTS

5 SHANK REAR GANG MOUNTING



**4411 DISC RIPPER
SERVICE PARTS**

67

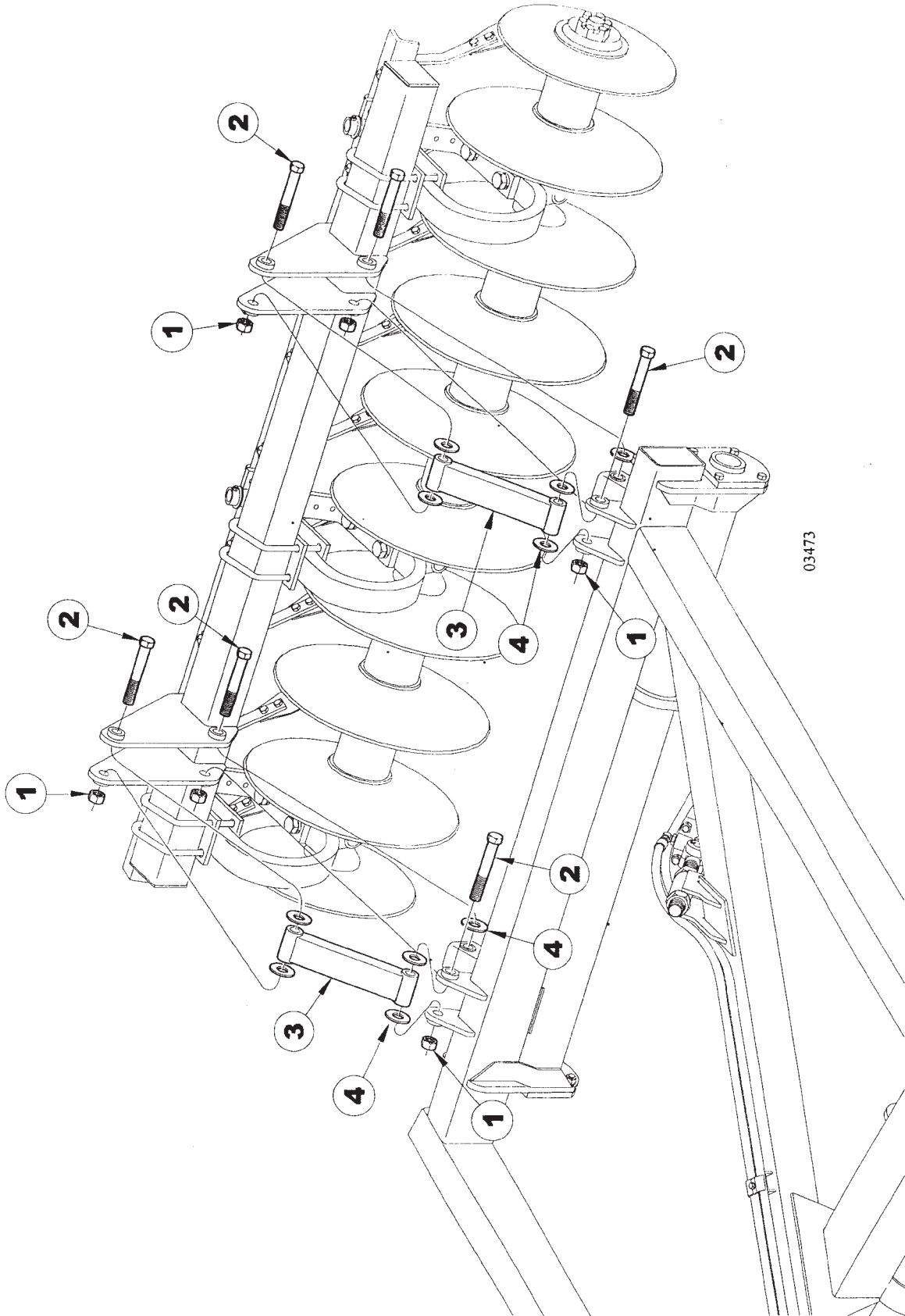
5 SHANK REAR GANG MOUNTING

ITEM	NUMBER	QTY	DESCRIPTION
1	SN3938		LOCK NUT, 1"-8 HEX NYLON INSERT, GR 2, Y/D
2	SN109		HEX BOLT, 1"-8 X 7", GR 5, Y/D
3	SN9034		PARALLEL GANG LINK
4	SNFK150173		FLAT WASHER, 1" SAE, Y/D

I0003493
PR: t05g30h47b0031

4411 DISC RIPPER
SERVICE PARTS

7 & 9 SHANK REAR GANG MOUNTING



03473

**4411 DISC RIPPER
SERVICE PARTS**

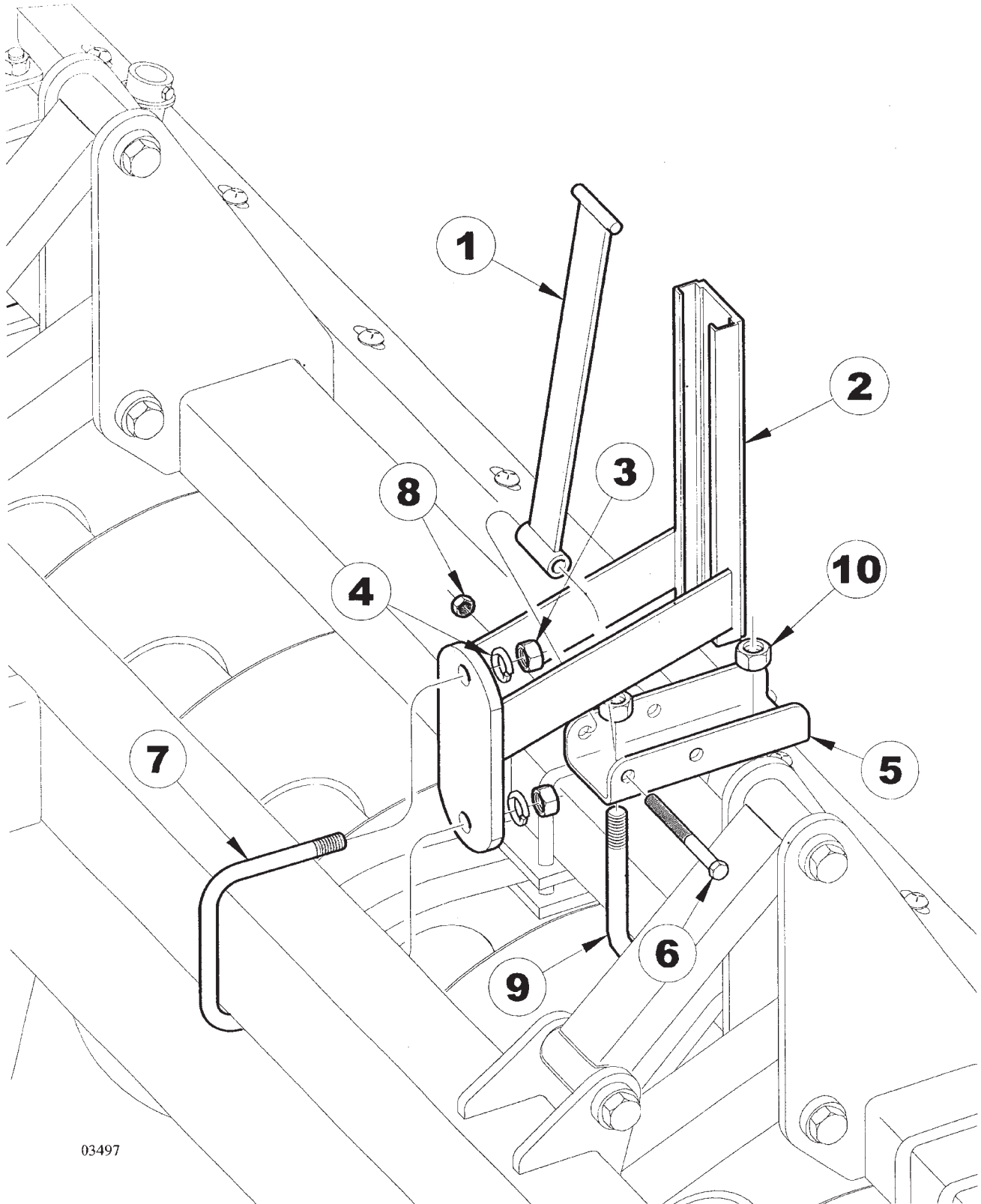
69

7 & 9 SHANK REAR GANG MOUNTING

ITEM	NUMBER	QTY	DESCRIPTION
1	SN3938		LOCK NUT, 1"-8 HEX NYLON INSERT, GR 2, Y/D
2	SN109		HEX BOLT, 1"-8 X 7", GR 5, Y/D
3	SN9034		PARALLEL GANG LINK
4	SNFK150173		FLAT WASHER, 1" SAE, Y/D

I0003473
PR: t05g30h47b0032

DEPTH CONTROL INDICATOR GAUGE



4411 DISC RIPPER
SERVICE PARTS

71

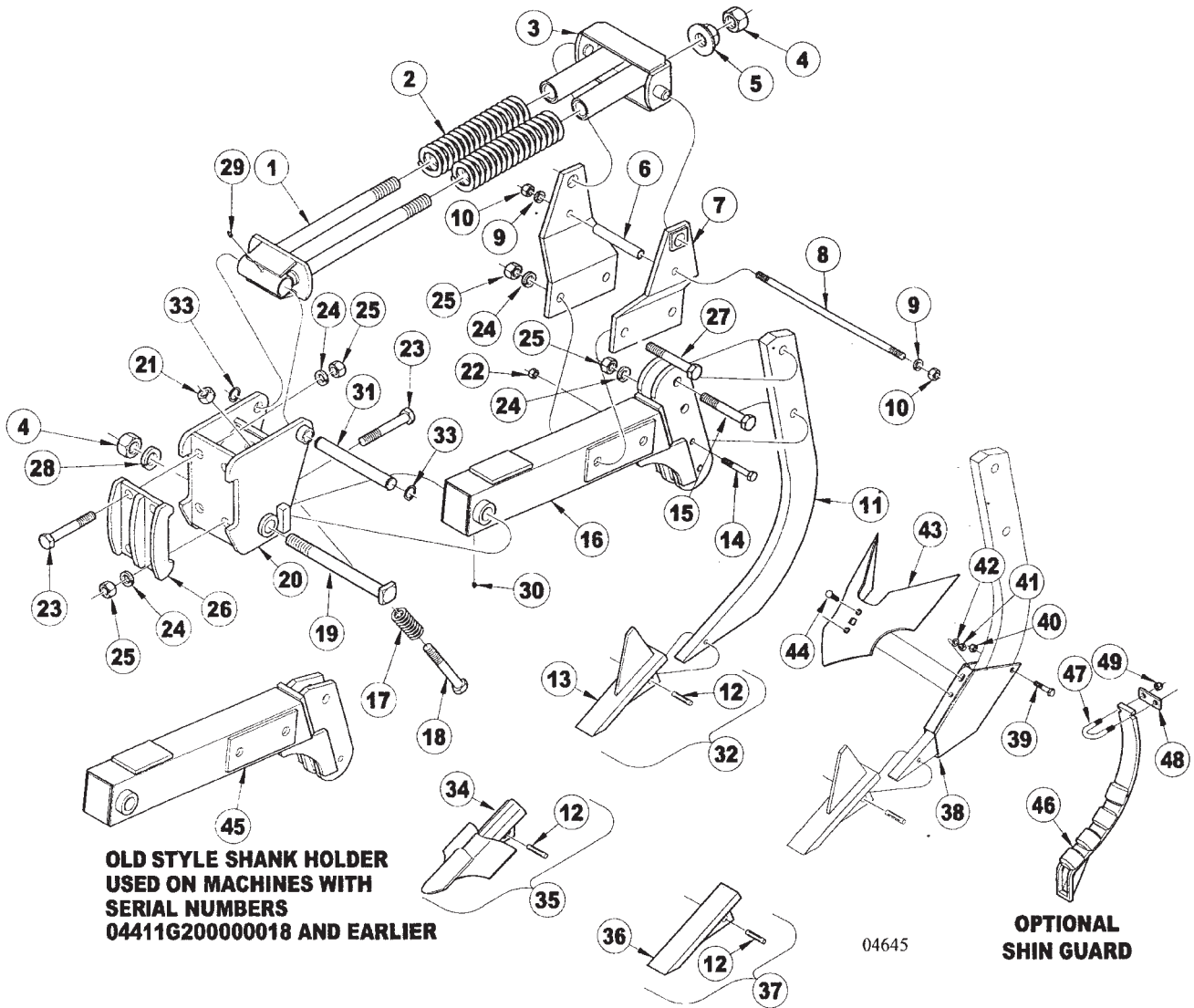
DEPTH CONTROL INDICATOR GAUGE

ITEM	NUMBER	QTY	DESCRIPTION
1	SN7373		CONNECTOR, DEPTH CONTROL INDICATOR
2	SN9043		DEPTH GAUGE
3	SN106		HEX NUT, 3/4"-10 FULL, GR 5, Y/D
4	SN1040		LOCK WASHER, 3/4" SPLIT TYPE MED, Y/D
5	SN9095		DEPTH INDICATOR BRACKET
6	SN140		HEX BOLT, 1/2"-13 X 4 1/2", GR 5, Y/D
7	SN3763		U-BOLT, 3/4"-10 X 5 3/4" X 6 3/4" W, GR 5, Y/D
8	SN2096		LOCK NUT, 1/2"-13 HEX NYLON INSERT, GR 8, Y/D
9	SN6102		U-BOLT, 5/8"-11 X 5 1/2" X 5 11/16" W, GR 5, Y/D
10	SN669-1		LOCK NUT, 5/8" HEX NYLON INSERT, GR 5, Y/D

I0003497
PR: t05g30h47b0033

4411 DISC RIPPER
SERVICE PARTS

AUTO RESET SHANK ASSEMBLY



**4411 DISC RIPPER
SERVICE PARTS**

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AUTO RESET SHANK ASSEMBLY

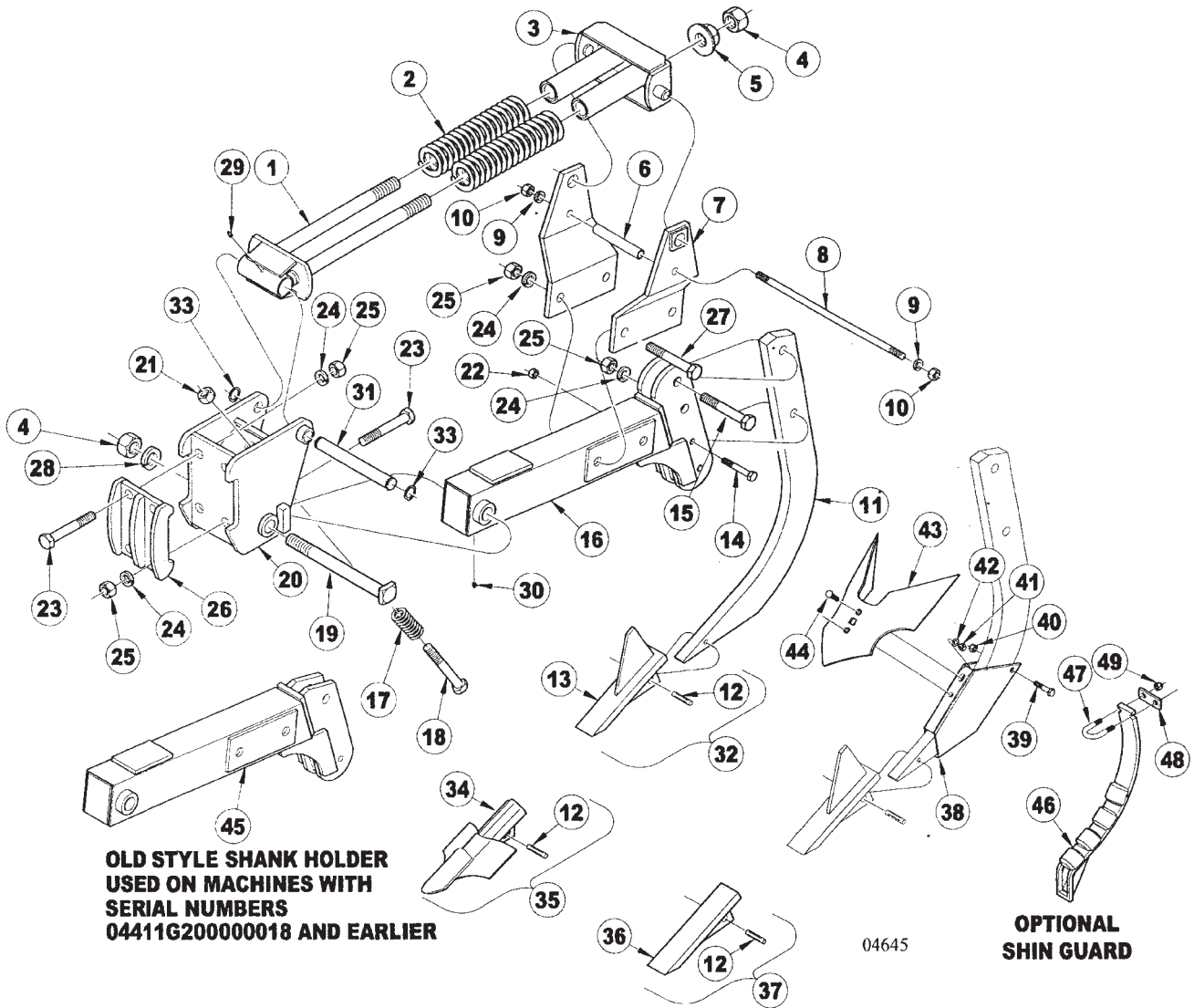
ITEM	NUMBER	QTY	DESCRIPTION
1	SN6839		SPRING ROD
2	SN5419		SPRING, 4.375" OD X 2.625" ID X 17.59" L COMPRESSION
3	SN6842		SPRING BARREL, DUAL
4	SN2079		JAM NUT, 1 1/2"-6 HEX, GR 2, Y/D
5	SN5425		HEX FLANGE NUT, 1 1/2"-6 UNC Y/D
6	SN6837R		BUSHING, 1.500" OD X .813" ID, 10 5/8" L
7	SN6836		SPRING PLATE
8	SN6838		BOLT, 3/4"-10 X 14" (11") SPCL Y/D
9	SN1040		LOCK WASHER, 3/4" SPLIT TYPE MED, Y/D
10	SN106		HEX NUT, 3/4"-10 FULL, GR 5, Y/D
11	SN5202		SHANK, 1 1/4" X 4" X 40"
	SN5015		SHANK, 1 1/4" X 4" X 36"
12	SN5089		PIN, 1/2" X 2 1/2" POINT
13	SN7379		POINT, 1" X 2 1/2" X 12" WITH DORSAL FIN
	SN7380		POINT, 1" X 2 1/2" X 12" WITH DORSAL FIN & CHROME CAP
	SN12764B		POINT, 1" X 2 1/2" X 12" WITH DORSAL FIN & CHROME CAP
14	SN1723		HEX BOLT, 5/8"-11 X 3 1/2", GR 5, Y/D
15	SN1753		HEX BOLT, 1"-8 X 4" GR5, Y/D
16	SN9740		SHANK HOLDER, R21 (MACHINES WITH SERIAL #'S 04411H20000019 & LATER)
17	SNFK361002		SPRING, 1.8125" OD X 1.062" ID, 2 5/8" L
18	SN1678		HEX BOLT, 1"-8 X 4 1/2", GR 5 Y/D
19	SN6841		BOLT, 1 1/2"-6 X 10 1/2" (9 3/4") SQUARE HEAD
20	SN7318		SHANK MOUNT
21	SN3938		LOCK NUT, 1"-8 HEX NYLON INSERT, GR 2, Y/D
22	SN669-1		LOCK NUT, 5/8" HEX NYLON INSERT, GR 5, Y/D
23	SN2316		HEX BOLT, 1"-8 X 8 1/2", GR 5, Y/D
24	SN1283		LOCK WASHER, 1" SPLIT TYPE MED, Y/D
25	SN110		HEX NUT, 1"-8 FULL, GR 5, Y/D
26	SN7319		CLAMP PLATE
27	SN1697		HEX BOLT, 1"-8 X 7 1/2", GR 5, Y/D

CONTINUED

I0004645
PR: t05g30h47b0034

4411 DISC RIPPER
SERVICE PARTS

AUTO RESET SHANK ASSEMBLY



**4411 DISC RIPPER
SERVICE PARTS**

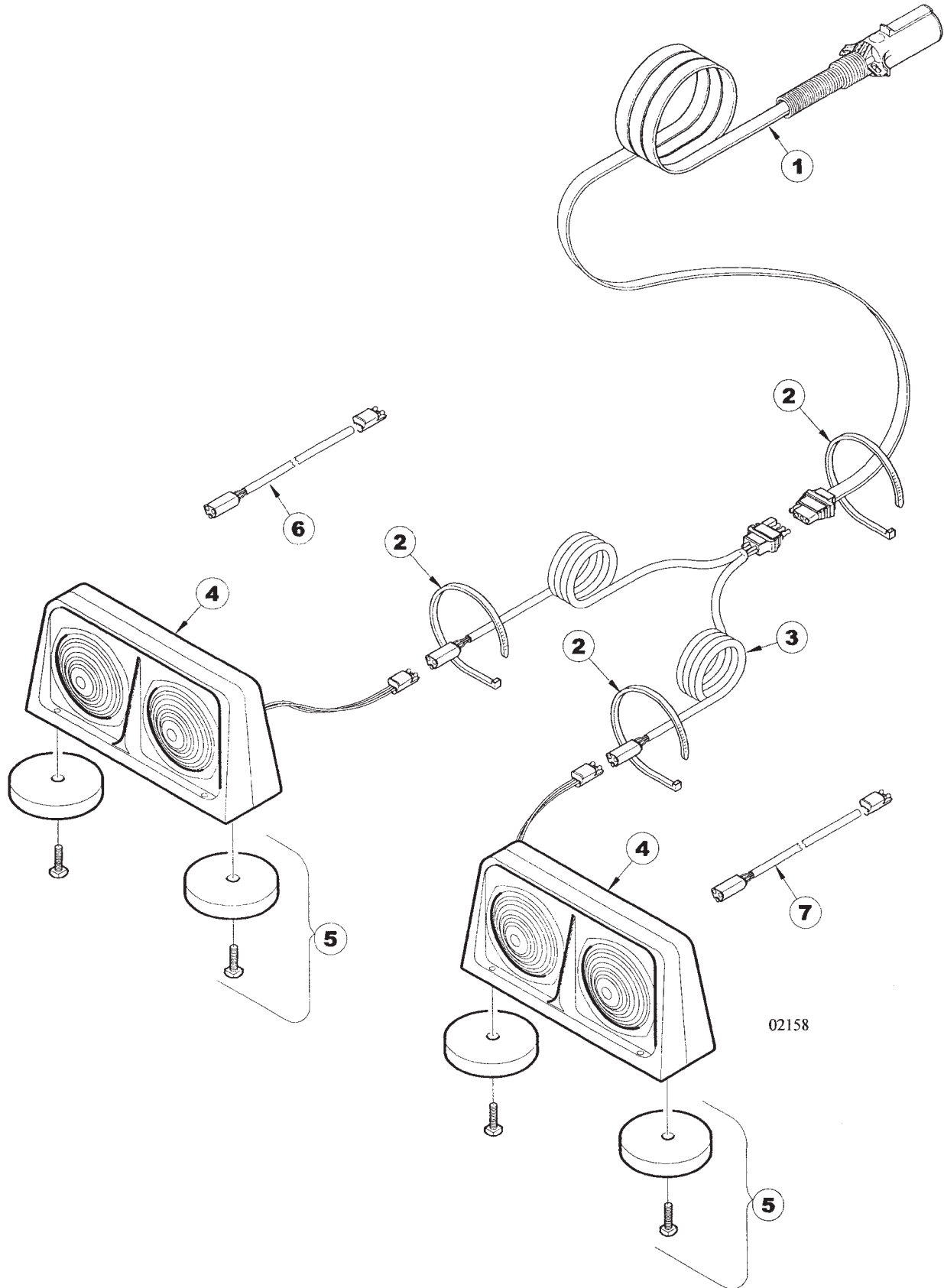
75

AUTO RESET SHANK ASSEMBLY

ITEM	NUMBER	QTY	DESCRIPTION
28	SN2085		LOCK WASHER, 1 1/2" SPLIT TYPE MED, Y/D
29	SN2098-1		GREASE ZERK, 1/8" NPTF, 5/8" L
30	SN2098-5		GREASE ZERK, 1/8" NPTF, 1 1/4" L
31	SN5063		PIN, 1 1/4" X 9 3/4" (9 1/8"), Y/D
32	SN7381		POINT, 1" X 2 1/2" X 12" WITH DORSAL FIN W/PIN
	SN7382		POINT, 1" X 2 1/2" X 12" WITH DORSAL FIN & CHROME CAP W/PIN
	SN5289		POINT, 1" X 2 1/2" X 12" W/CHROME CAP W/PIN
	SN12763		POINT, 1" X 2 1/2" X 12" W/CHROME CAP W/PIN
	SN12765B		POINT, 1" X 2 1/2" X 12" WITH DORSAL FIN & CHROME CAP W/PIN
33	SN5080		SNAP RING, 1 1/4", Y/D
34	SN9257		POINT, RIPPER W/WING & CHROME CAP
	SN9434		POINT, RIPPER W/WING
	SN12765B		POINT, 1" X 2 1/2" X 12" WITH DORSAL FIN & CHROME CAP W/PIN
35	SN12626		POINT, RIPPER W/WING & CHROME CAP W/
36	SN5273		POINT, 1" X 2 1/2" X 12"
	SN5274		POINT, 1" X 2 1/2" X 12" W/CHROME CAP
	SN12762B		POINT, 1" X 2 1/2" X 12" W/CHROME CAP
37	SN5288		POINT, 1" X 2 1/2" X 12" W/PIN
	SN5289		POINT, 1" X 2 1/2" X 12" W/CHROME CAP W/PIN
	SN12763		POINT, 1" X 2 1/2" X 12" W/CHROME CAP W/PIN
38	SN9557		MOUNT, SNUB NOSE FURROWER
39	SN112		HEX BOLT, 1/2"-13 X 2 1/2", GR 5, Y/D
40	SN2096		LOCK NUT, 1/2"-13 HEX NYLON INSERT
41	SN302		LOCK WASHER, 7/16" SPLIT TYPE MED, Y/D
42	SN303		HEX NUT, 7/16"-14 FULL, GR 2, Y/D
43	SN9556		SNUB NOSE FURROWER, 1/4" X 8"
44	SN3050		PLOW BOLT, 7/16"-14 X 1 1/2", GR 5, Y/D
45	SN6840		SHANK HOLDER, R21(MACHINES WITH SERIAL #S 04411G20000018 & EARLIER)
46	SN6276		SHIN GUARD SHANK
47	SN6277		U-BOLT, 1/2" -13 X 5 1/2" X 1 13/16" W, GR 5, Y/D
48	SN6275		CLAMP PLATE
49	SN2096		LOCK NUT, 1/2" -13 HEX NYLON INSERT
	SN10744		SHANK ASSY, AUTO RESET R21 (36"-40") (INCLUDES ITEMS 1-31, AND 33, WITH THE EXCEPTION OF 12 & 13)
	SN7320		SHANK ASSY, AUTO RESET R21 (40") (INCLUDES ITEMS 1-31, 33 & 45, WITH THE EXCEPTION OF 12, 13 & 16)
	SN9705		SHANK ASSY, AUTO RESET R21 (36") (INCLUDES ITEMS 1-31, 33 & 45, WITH THE EXCEPTION OF 12, 13 & 16)

I0004645
PR: t05g30h47b0034

LIGHT KIT ASSEMBLY (VERSION 1)



**4411 DISC RIPPER
SERVICE PARTS**

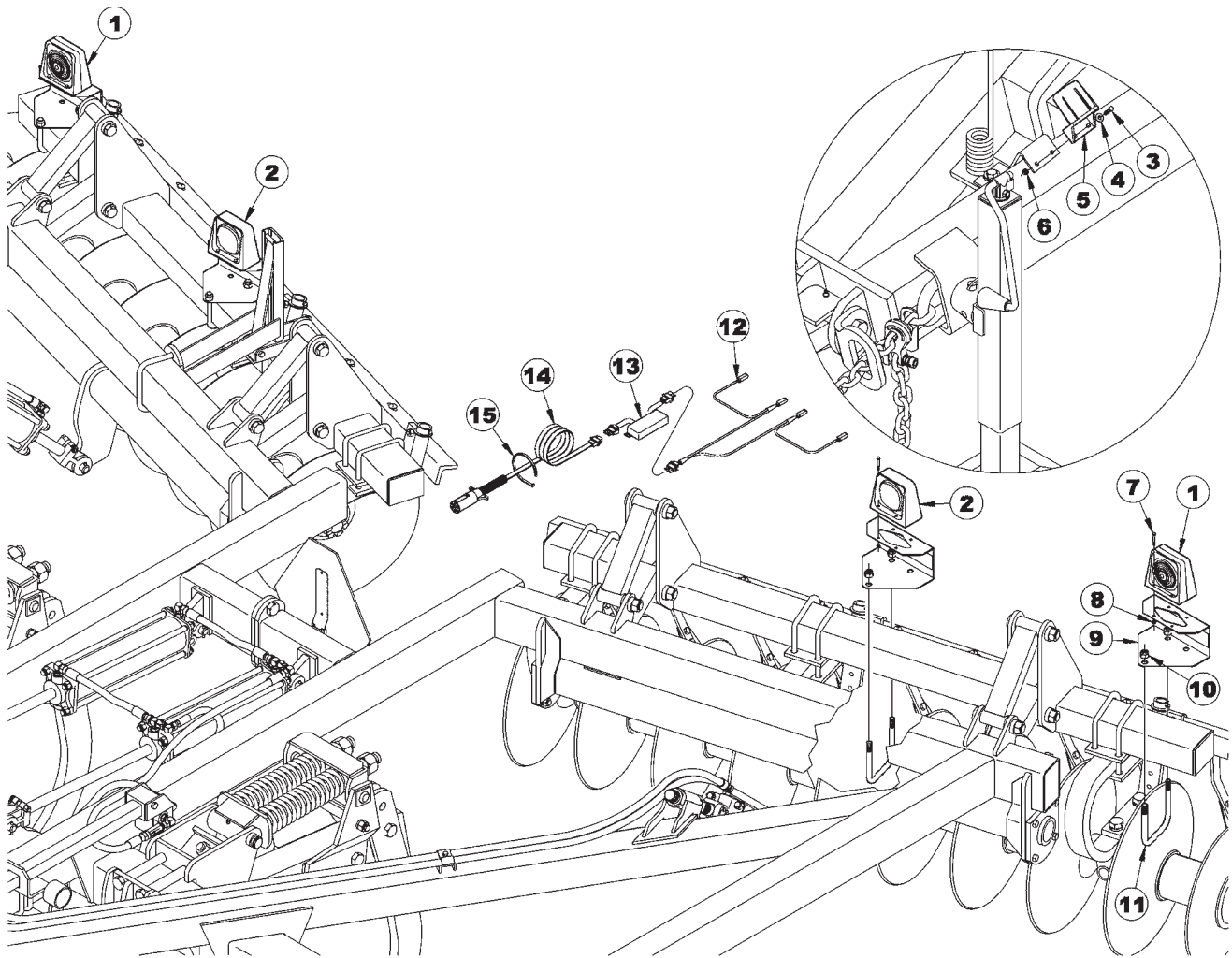
77

LIGHT KIT ASSEMBLY (VERSION 1)

ITEM	NUMBER	QTY	DESCRIPTION
1	SN5846		HARNESS, 25' STR SEC, SHIELDED FESTOON CABLE W/CONN
2	SN2587		PLASTIC HOSE STRAP, 21 1/2" L
3	SN5847		HARNESS, 15' WISHBONE W/FLAT & TRIANGULAR CONNECTOR
4	SN5845		DUAL LAMP, AMBER FT/REAR & RED REAR, LEFT
	SN5844		DUAL LAMP, AMBER FT/REAR & RED REAR, RIGHT
5	SN5857		MAGNET KIT
6	SN5849		HARNESS, 5' EXTENSION W/TRIANGULAR CONNECTORS, LEFT
7	SN5848		HARNESS, 5' EXTENSION W/TRIANGULAR CONNECTORS, RIGHT
	SN5838		LIGHT KIT W/HARDWARE (ITEMS 1-5)

I0002158
PR: t05g30h47b0035

LIGHT KIT ASSEMBLY (VERSION 2)



4411 DISC RIPPER
SERVICE PARTS

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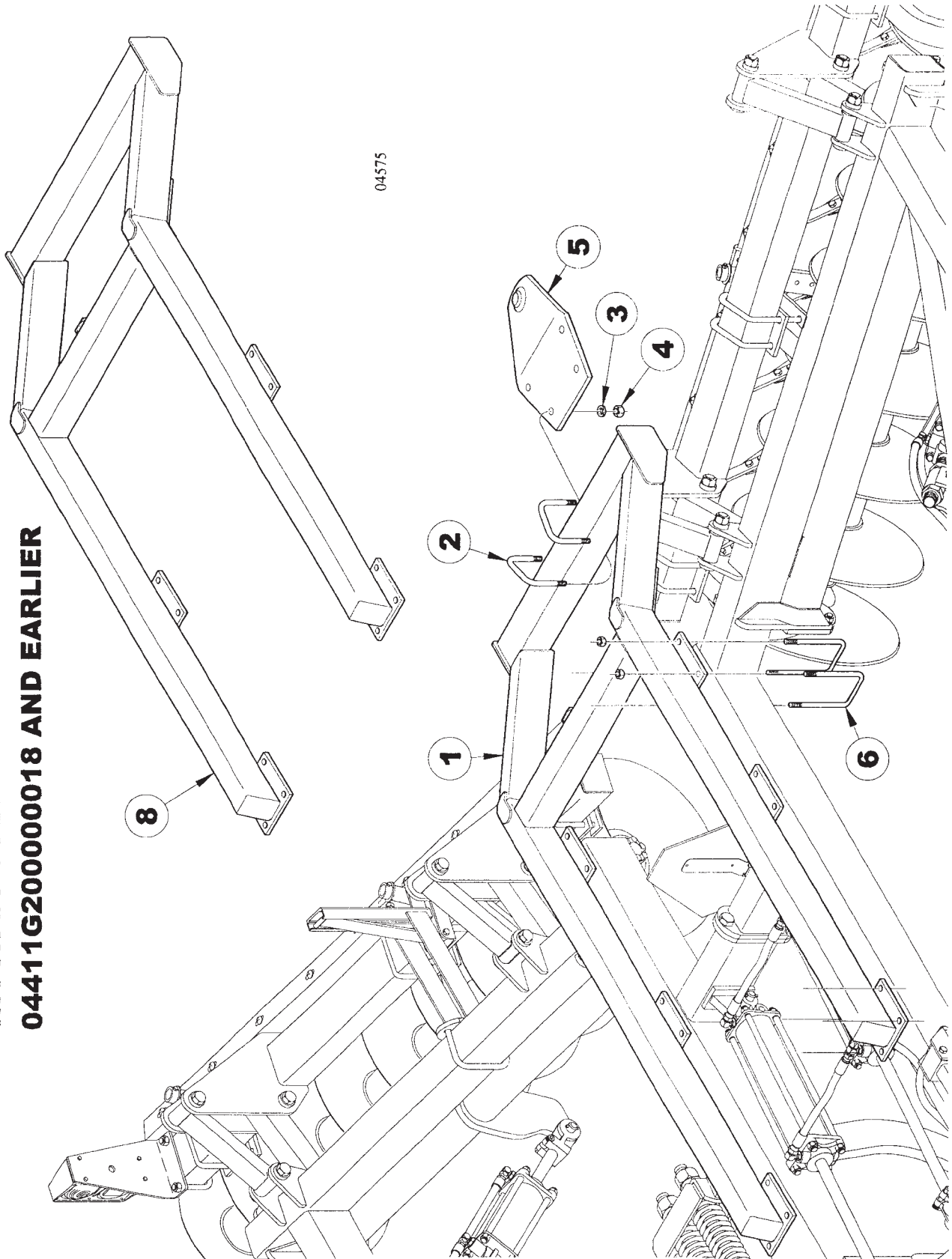
LIGHT KIT ASSEMBLY (VERSION 2)

ITEM	NUMBER	QTY	DESCRIPTION
1	SN10007		LAMP, SINGLE AMBER FRT/REAR
2	SN10486		SINGLE AG LAMP, RED/BLACK W/BRAKE
3	SN2568		HEX BOLT, 1/4"-20 X 3/4", GR 5 Y/D
4	SN506		FLAT WASHER, 1/4", Y/D
5	SN10012		HOLDER, 7-PIN CONNECTOR
6	SN3881		LOCK NUT, 1/4"-20 HEX NYLON INSERT, GR 2, Y/D
7	SN2750		HEX BOLT, 1/4"-20 X 1 1/4", GR 2, Y/D
8	SN3881		LOCK NUT, 1/4"-20 HEX NYLON INSERT, GR 2, Y/D
9	SN12760R		BRACKET, LIGHT
10	SN669-1		LOCK NUT, 5/8"-11 HEX NYLON INSERT, GR 5, Y/D
11	SN6102		U-BOLT, 5/8"-11 X 5 1/2" X 5 11/16" W, GR 5, Y/D
12	SN10461		HARNESS, AG 8' 6" WISHBONE
13	SN10460		ASSY, AG MODULE
14	SN10394		HARNESS, AG 30' EXTENSION
15	SN2587		PLASTIC HOSE STRAP, 21 1/2" L
	SN10445		LIGHT KIT W/HARDWARE (ITEMS 1, 2, 5, 12-15)

I0007596
PR: t05g30h47b0036

REAR TOW HITCH W/BALL JOINT

**HITCH #8 USED ON SERIAL NUMBERS
04411G20000018 AND EARLIER**



**4411 DISC RIPPER
SERVICE PARTS**

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REAR TOW HITCH W/BALL JOINT

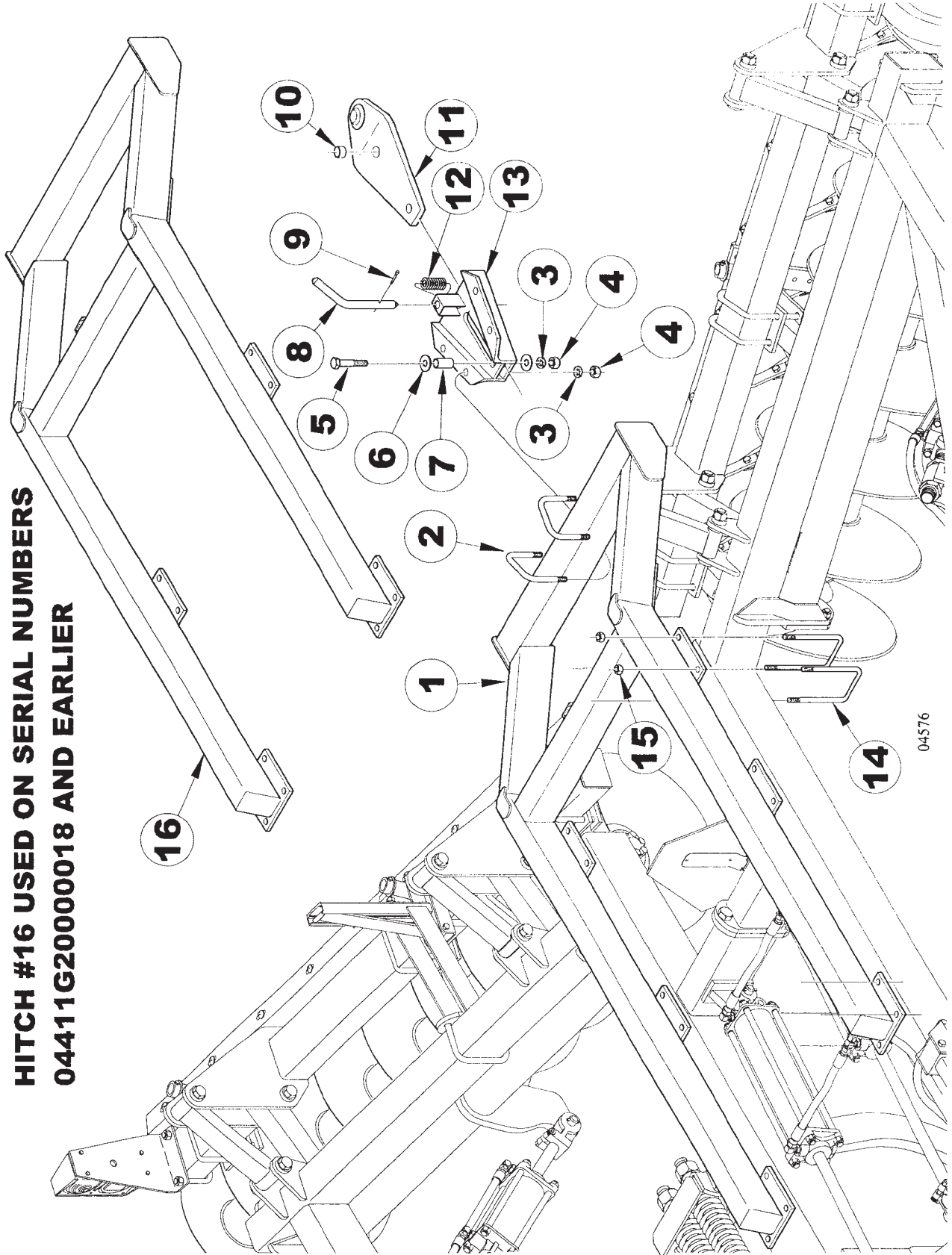
ITEM	NUMBER	QTY	DESCRIPTION
1	SN9749		REAR TOW HITCH, 4411 (MACHINES WITH SN# 04411H20000019 & HIGHER)
2	SN198		U-BOLT, 3/4"-10 X 5 1/2" X 5" W, GR 5, Y/D
3	SN1040		LOCK WASHER, 3/4" SPLIT TYPE MED, Y/D
4	SN106		HEX NUT, 3/4"-10 FULL, GR 5, Y/D
5	SN4700		ADAPTER, REAR TOW HITCH
6	SN2984		U-BOLT, 5/8"-11 X 7 1/2" X 4 3/4" W, GR 5, Y/D
7	SN669-1		LOCK NUT, 5/8" HEX NYLON INSERT, GR 5, Y/D
8	SN9390		REAR TOW HITCH, 4411 (MACHINES WITH SN# 04411G20000018 & LOWER)

I0004575
PR: t05g30h47b0037

4411 DISC RIPPER
SERVICE PARTS

REAR TOW HITCH W/HITCH SLIDE & BALL
JOINT

**HITCH #16 USED ON SERIAL NUMBERS
04411G2000018 AND EARLIER**



04576

4411 DISC RIPPER
SERVICE PARTS

83

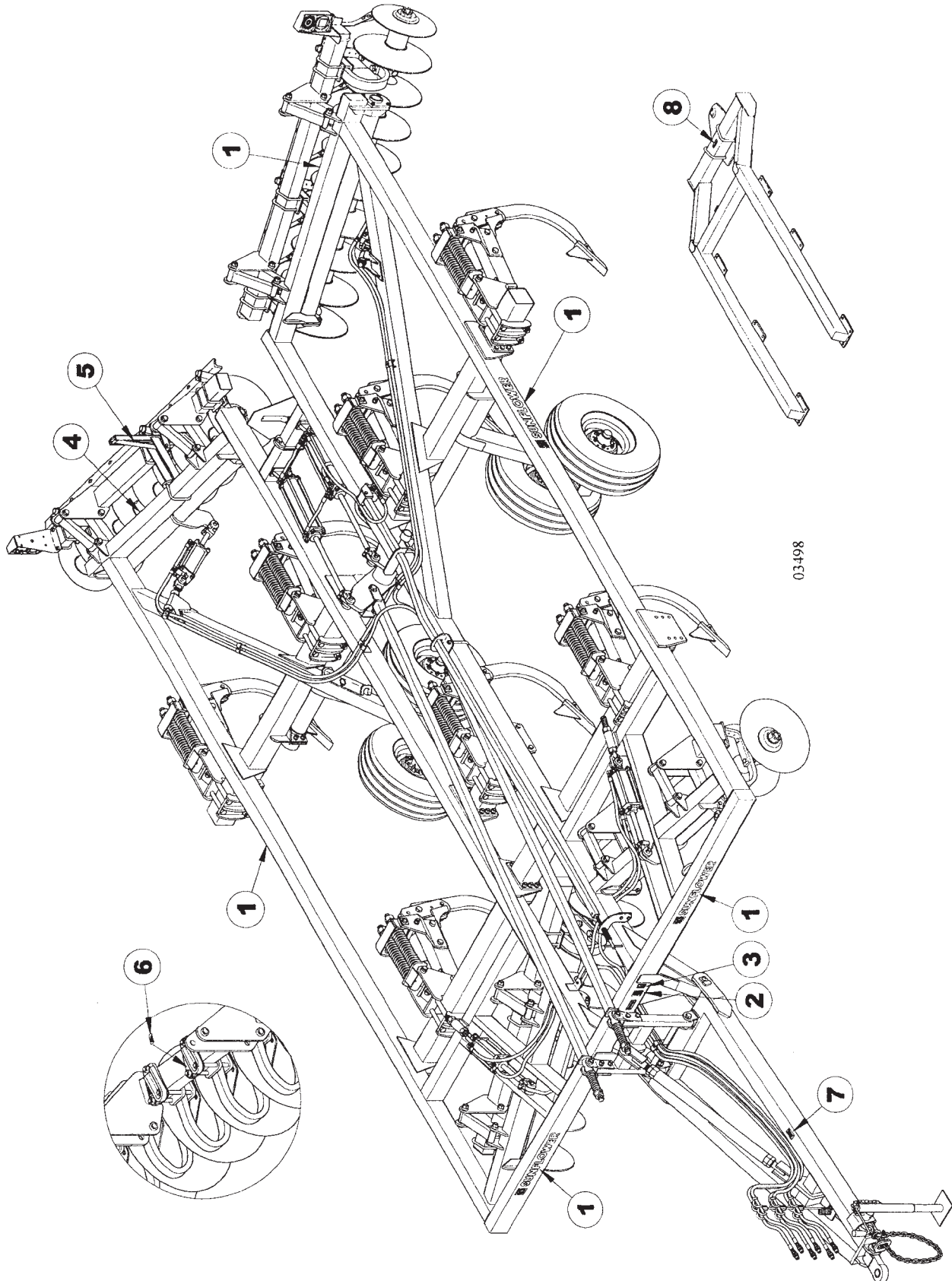
REAR TOW HITCH W/HITCH SLIDE & BALL
JOINT

ITEM	NUMBER	QTY	DESCRIPTION
1	SN9749		REAR TOW HITCH, 4411 (MACHINES WITH SN# 04411H20000019 & HIGHER)
2	SN198		U-BOLT, 3/4"-10 X 5 1/2" X 5" W, GR 5, Y/D
3	SN1040		LOCK WASHER, 3/4" SPLIT TYPE MED, Y/D
4	SN106		HEX NUT, 3/4"-10 FULL, GR 5, Y/D
5	SN105		HEX BOLT, 3/4"-10 X 3 1/2", GR 5, Y/D
6	SN893		FLAT WASHER, 3/4" Y/D
7	SN3364		BUSHING, 13/16"ID X 2" L
8	SN3365		PIN, 7/8" SPCL
9	SN1609		COTTER PIN, 3/16" X 1 1/2"
10	SN3367		WEAR BUSHING, 1"ID X 1 1/4" OD 3/4" L
11	SN4740		HITCH MOUNT W/BALL JOINT
12	SN3366		HITCH SPRING
13	SN3363		HITCH SLIDE
14	SN2984		U-BOLT, 5/8"-11 X 7 1/2" X 4 3/4" W, GR 5, Y/D
15	SN669-1		LOCK NUT, 5/8" HEX NYLON INSERT, GR 5, Y/D
16	SN9390		REAR TOW HITCH, 4411 (MACHINES WITH SN# 04411G20000018 & EARLIER)

I0004576
PR: t05g30h47b0038

4411 DISC RIPPER
SERVICE PARTS

DECAL PLACEMENT



**4411 DISC RIPPER
SERVICE PARTS**

85

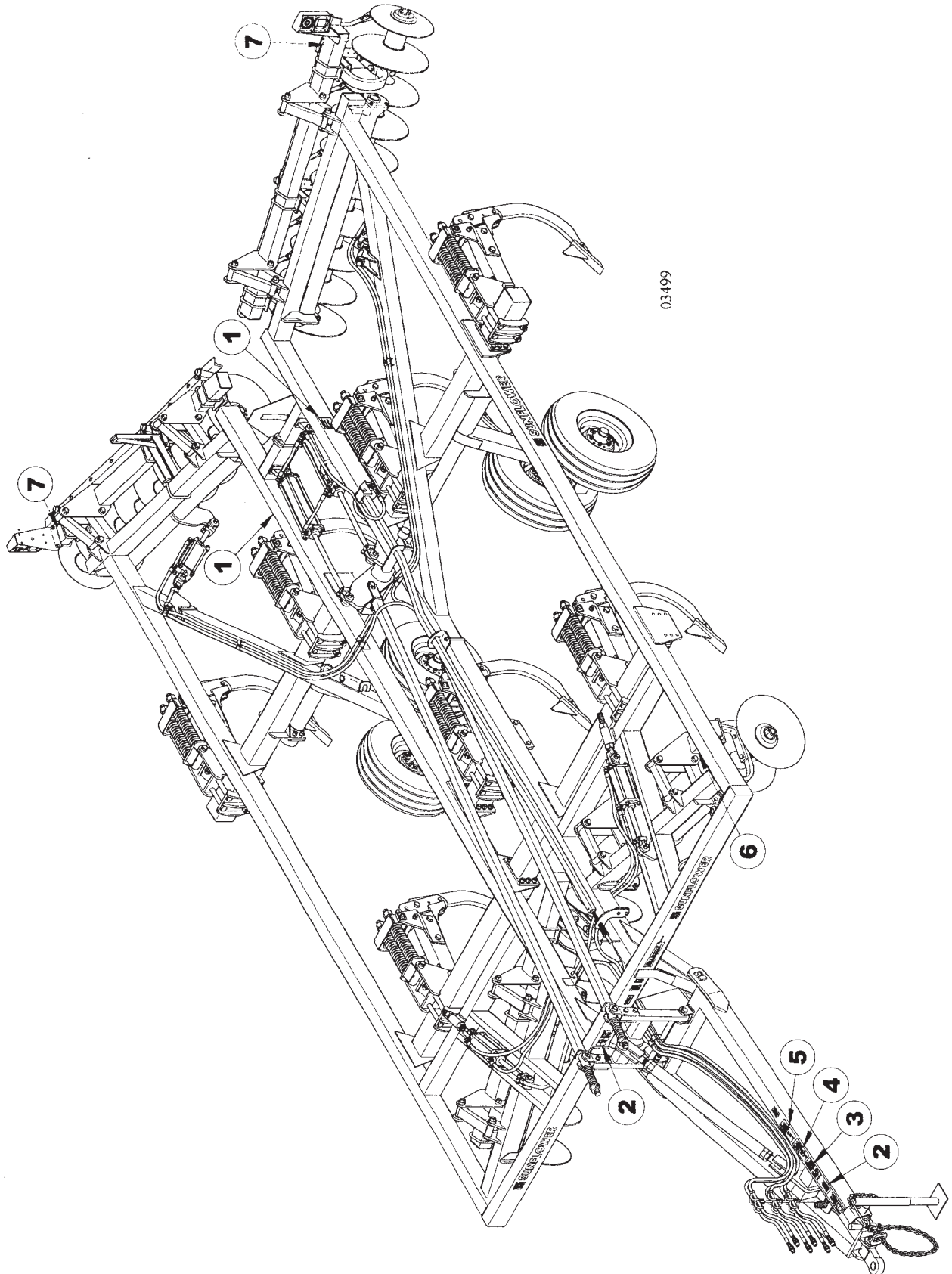
DECAL PLACEMENT

ITEM	NUMBER	QTY	DESCRIPTION
1	SN997002		SUNFLOWER DECAL
2	SN997263		DECAL, TILLAGE PROMOTES A SAFER ENVIRONMENT
3	SN997246		FEMA DECAL
4	SN997472		4411 DECAL
5	SN997426		LEVEL INDICATOR, A-K
6	SN997654		PATENT DECAL, #6,158,523
7	SN997479		IMPORTANT, HEAT TREATED SHANK
8	SN997068		10,000 LB. GROSS LIMIT - DECAL

I0003498
PR: t05g30h47b0039

4411 DISC RIPPER SERVICE PARTS

SAFETY SIGN PLACEMENT



**4411 DISC RIPPER
SERVICE PARTS**

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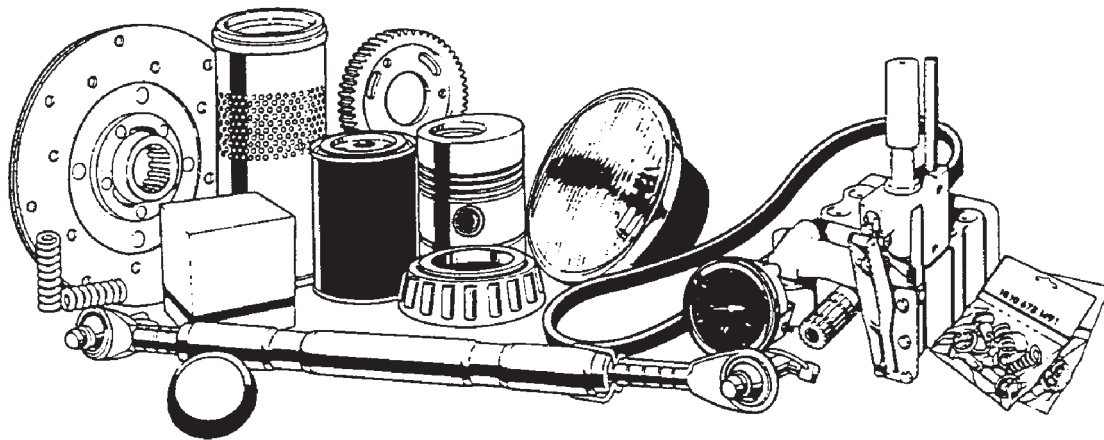
SAFETY SIGN PLACEMENT

ITEM	NUMBER	QTY	DESCRIPTION
1	SN997312		TRANSPORT LOCK INSTALLATION
2	SN997792		READ OPERATORS MANUAL
3	SN997311		HIGH PRESSURE FLUID HAZARD
4	SN997048		FASTEN SAFETY CHAIN
5	SN997074		UNHITCHING HAZARD
6	SN997663		TAPE, YELLOW REFLECTIVE 2" X 9" L
7	SN997661		TAPE, RED REFLECTIVE 2" X 9" L
8	SN997662		TAPE, ORANGE REFLECTIVE 2" X 9" L
9	SN997799		DECAL-WARNING, LOSS OF CONTROL 25 MPH

I0003499
PR: t05g30h47b0040

RECOMMENDED DEALER STOCK

RECOMMENDED DEALER'S STOCK



**4411 DISC RIPPER
RECOMMENDED DEALER LIST**

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RECOMMENDED DEALER STOCK

ITEM	NUMBER	QTY	DESCRIPTION
-	SN3686	1	8 BOLT HUB ASSEMBLY
-	SN10460	1	ASSY, AG MODULE
-	SN1602	2	BEARING (LM48548)
-	SN1606	2	BEARING (LM67048)
-	SN3283N	4	BLADE, 18", 1 3/4" BORE, 4 GA, 1 3/4"
-	SN7604	1	DUST CAP, 2.448" OD X.74" TH, Y/D
-	SN1610	1	DUST CAP, 2.448" OD, Y/D
-	SNFK340090	1	FIVE BOLT HUB W/CUPS
-	SN5847	1	HARNESS, 15' WISHBONE W/FLAT &
-	SN5846	1	HARNESS, 25' STR SEC, SHIELDED FESTOON
-	SN5848	1	HARNESS, 5' EXTENSION W/TRIANGULAR
-	SN5849	1	HARNESS, 5' EXTENSION W/TRIANGULAR
-	SN3302	1	HEX NUT, 1"-14 FULL SLOTTED GR 2,
-	SN3369	1	HITCH CLEVIS BUSHING
-	SN3366	1	HITCH SPRING
-	SN1935	2	INNER BEARING (LM501349)
-	SN3683	2	INNER BEARING(LM603049)
-	SN1936	2	INNER RACE (LM501310)
-	SN3684	2	INNER RACE (LM603011)
-	SNFK340167	8	LUG BOLT, 5/8"-18 X 2 1/4"
-	SN3118	6	LUG BOLT, 9/16"-18 X 1 7/8" PRESS IN,
-	SNFK340168	8	LUG NUT, 5/8"-18, GR 5, 90 DEG TAPER,
-	SN3117	6	LUG NUT, 9/16"-18, GR 5, 90 DEG TAPER,
-	SN9557	1	MOUNT, SNUB NOSE FURROWER
-	SN3365	1	PIN, 7/8" SPCL
-	SN5288	4	POINT, 1" X 2 1/2" X 12" W/PIN
-	SN7379	4	POINT, 1" X 2 1/2" X 12" WITH DORSAL
-	SN1603	2	RACE (LM48510)
-	SN1605	2	RACE (LM67010)
-	SN6103	2	SCRAPER BLADE, 4" W RIGID
-	SN8774-1	2	SEAL KIT, 3 1/2", 1 1/2" ROD, CROSS
-	SN8776-1	2	SEAL KIT, 3 3/4", 1 3/8" ROD,
-	SN8781-1	2	SEAL KIT, 4", 1 3/8" ROD REPHASING,
-	SN3300	1	SIX BOLT HUB ASSEMBLY W/3301 SEAL
-	SN7001	1	SMV EMBLEM
-	SN9556	4	SNUB NOSE FURROWER, 1/4" X 8"
-	SN3301	2	TRIPLE LIP SEAL
-	SNFK310044	2	TRIPLE LIP SEAL
-	SN3090	2	TRUNNION BEARING COMPLETE
-	SN7863	2	TRUNNION BEARING SHIELD
-	SN6277	2	U-BOLT, 1/2" -13 X 5 1/2" X 1 13/16"
-	SN6773	2	U-BOLT, 1/2"-13 X 4 1/8" X 2 1/8" X 3
-	SN198	2	U-BOLT, 3/4"-10 X 5 1/2" X 5" W, GR
-	SN3763	2	U-BOLT, 3/4"-10 X 5 3/4" X 6 3/4" W,
-	SN9008	2	U-BOLT, 3/4"-10 X 7 1/4" X 5 13/16" W,
-	SN6102	2	U-BOLT, 5/8"-11 X 5 1/2" X 5 11/16"
-	SN2984	2	U-BOLT, 5/8"-11 X 7 1/2" X 4 3/4" W,
-	SN3061	2	WALKING BEAM BEARING (342A)
-	SN3062	2	WALKING BEAM RACE (332)
-	SN3063	2	WALKING BEAM SEAL (NAT.204035 C/R
-	SN3303	1	WASHER, 1 1/32" ID X 1 3/4" ODX 1/8"
-	SNFK310045	1	WEAR SLEEVE (C/R 081071)

NOTE: THIS PARTS STOCK LIST
INDICATES THOSE ITEMS RECOMMENDED
TO SERVICE ONE UNIT.

RDL
PR: t05g30h47b0041

CHISEL PLOWS

PARTS CATALOG

SUNFLOWER®
4212 TRASH MULCHER

4212TRASH MULCHER

RECOMMENDED DEALER LIST

RECOMMENDED DEALER STOCK 53

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4212TRASH MULCHER

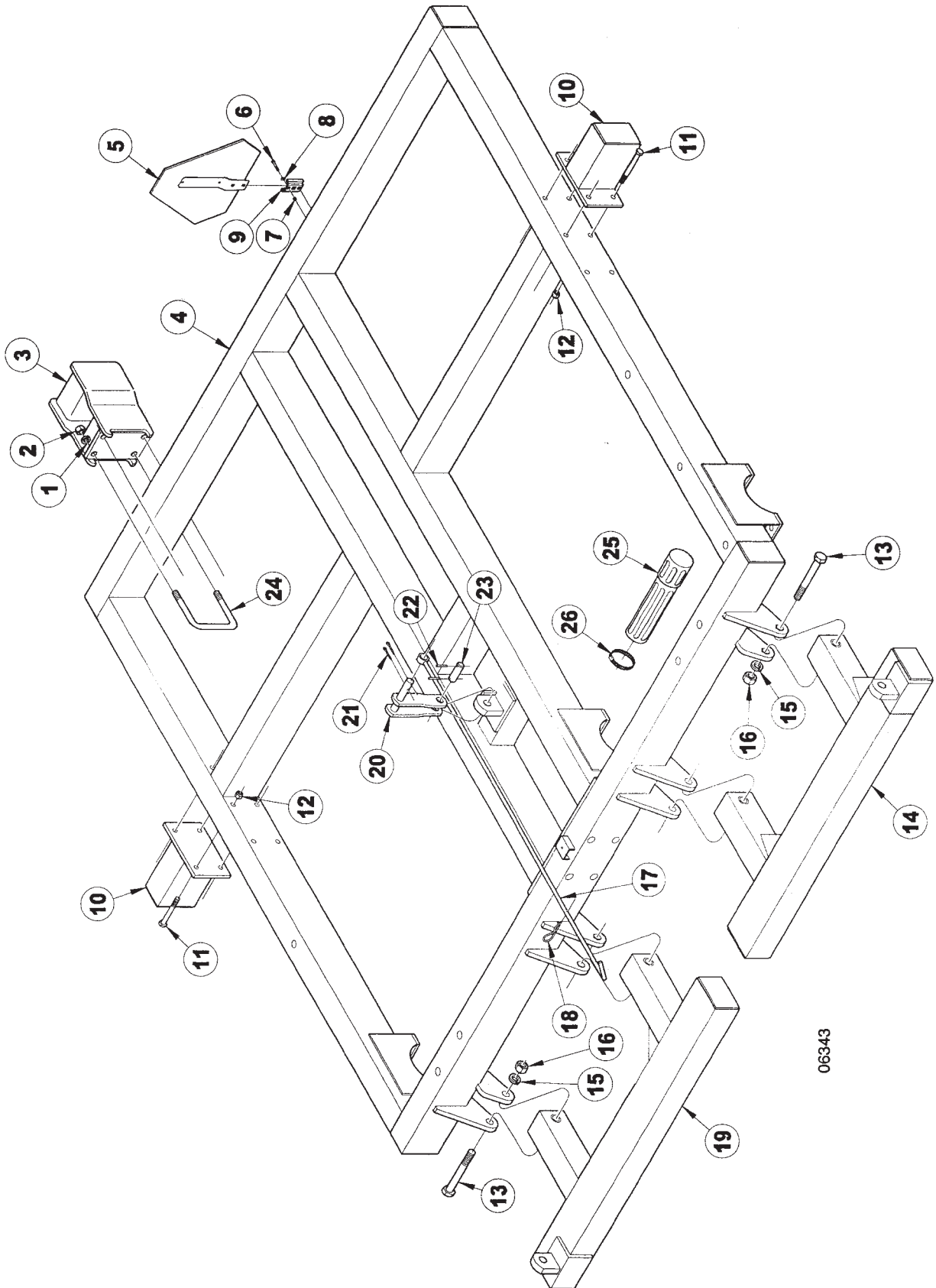
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SN3580	19	1-B 7	SN4116002	35	1-B 9	SN5339	35	1-B 9	SN669	57	1-B 11
SN3584Y	19	1-B 7	SN4150005	35	1-B 9	SN5356	9	1-B 6	SN669-1	7	1-B 6
SN3678	25	1-B 8	SN4168002	35	1-B 9	SN5370	11	1-B 7	SN669-1	9	1-B 6
SN3735	59	1-B 11	SN4437	35	1-B 9	SN5371	11	1-B 7	SN669-1	31	1-B 9
SN3750	7	1-B 6	SN4438	35	1-B 9	SN5379	25	1-B 8	SN669-1	59	1-B 11
SN3750	9	1-B 6	SN4441	35	1-B 9	SN5384	7	1-B 6	SN669-1	61	1-B 12
SN3751	31	1-B 9	SN4454	35	1-B 9	SN5385	7	1-B 6	SN669-1	63	1-B 12
SN3753B	31	1-B 9	SN4455	35	1-B 9	SN5385	9	1-B 6	SN669-1	67	1-B 12
SN3754	31	1-B 9	SN4458	37	1-B 9	SN5385	35	1-B 9	SN669-1	69	1-B 12
SN3755	31	1-B 9	SN4458	39	1-B 9	SN5385	65	1-B 12	SN669-1	71	1-B 13
SN3756	31	1-B 9	SN4458	41	1-B 10	SN5388	35	1-B 9	SN669-1	73	1-B 13
SN3757	31	1-B 9	SN4458	43	1-B 10	SN5417	11	1-B 7	SN670	63	1-B 12
SN3757	67	1-B 12	SN4464	35	1-B 9	SN5418	27	1-B 8	SN6806	71	1-B 13
SN3758	31	1-B 9	SN4738	63	1-B 12	SN5419	27	1-B 8	SN6999	55	1-B 11
SN3759	31	1-B 9	SN4781	11	1-B 7	SN5419	29	1-B 8	SN6999	57	1-B 11
SN3763	7	1-B 6	SN4788	57	1-B 11	SN5421	27	1-B 8	SN6999	73	1-B 13
SN3763	9	1-B 6	SN4789	55	1-B 11	SN5422	27	1-B 8	SN7000	55	1-B 11
SN3763	13	1-B 7	SN4789	57	1-B 11	SN5424	27	1-B 8	SN7000	57	1-B 11
SN3763	31	1-B 9	SN4789	73	1-B 13	SN5425	27	1-B 8	SN7000	73	1-B 13
SN3763	53	1-B 11	SN4790	57	1-B 11	SN5426	27	1-B 8	SN7001	7	1-B 6
SN3763	63	1-B 12	SN4791	57	1-B 11	SN5426	29	1-B 8	SN7001	9	1-B 6
SN3763	65	1-B 12	SN4792	57	1-B 11	SN5428	27	1-B 8	SN7013	63	1-B 12
SN3764	63	1-B 12	SN4793	57	1-B 11	SN5429	27	1-B 8	SN7016	63	1-B 12
SN3765	7	1-B 6	SN4794	57	1-B 11	SN5507	33	1-B 9	SN7045	63	1-B 12
SN3765	9	1-B 6	SN4795	55	1-B 11	SN5509	73	1-B 13	SN7078	65	1-B 12
SN3766	65	1-B 12	SN4803	27	1-B 8	SN5510	73	1-B 13	SN71L-2901	55	1-B 11
SN3767	65	1-B 12	SN4803	29	1-B 8	SN5511	73	1-B 13	SN71L-2901	57	1-B 11
SN3768	65	1-B 12	SN4803	31	1-B 9	SN5512	73	1-B 13	SN71L-2901	73	1-B 13

7 & 9 SHANK FRAME



06343

**4212 PARTS MANUAL
SERVICE PARTS**

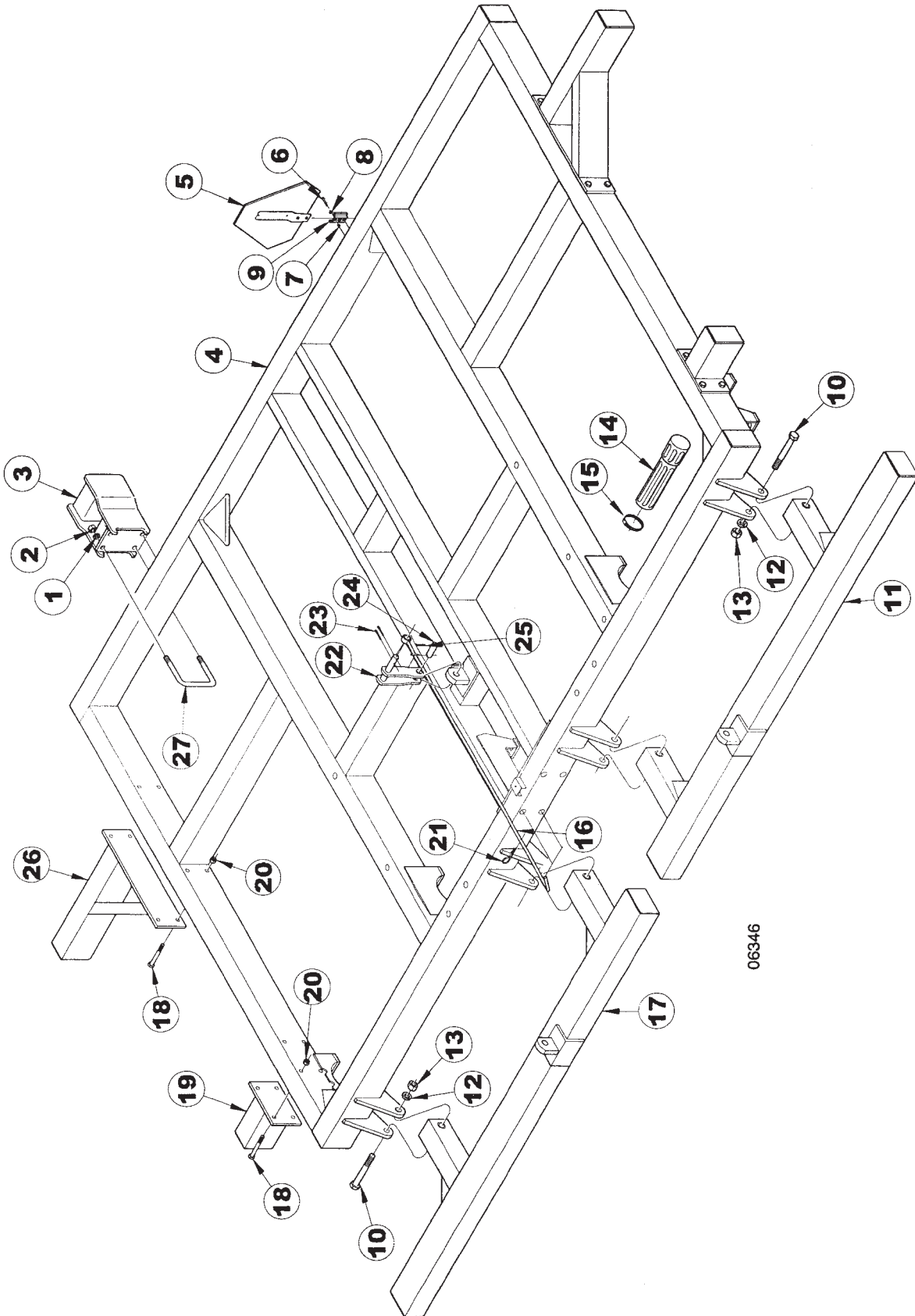
7

7 & 9 SHANK FRAME

ITEM	NUMBER	QTY	DESCRIPTION
1	SN1040		LOCK WASHER, 3/4" SPLIT TYPE MED, Y/D
2	SN106		HEX NUT, 3/4"-10 FULL, GR 5, Y/D
3	SN7309		SHANK MOUNT, OFFSET
	SN5945		SHANK MOUNT ASSEMBLY, OFFSET (ITEMS 1, 2, 3, & 24)
4	SN5384		CENTER FRAME, 4212
5	SN7001		SMV EMBLEM
6	SN2568		HEX BOLT, 1/4"-20 X 3/4", GR 5 Y/D
7	SN3881		LOCK NUT, 1/4"-20 HEX NYLON INSERT, GR 2, Y/D
8	SN506		FLAT WASHER, 1/4", Y/D
9	SN2566		S.M.V. SOCKET
10	SN3459		EXTENSION, 1 SHANK
11	SN2097		HEX BOLT, 5/8"-11 X 5 1/2", GR 5, Y/D
12	SN669-1		LOCK NUT, 5/8" HEX NYLON
13	SN109		HEX BOLT, 1"-8 X 7", GR 5, Y/D
14	SN3465		GANG BAR, 53" LEFT (7 SHANK)
	SN3467		GANG BAR, 58 1/2" LEFT (9 SHANK)
15	SN1283		LOCK WASHER, 1" SPLIT TYPE MED, Y/D
16	SN110		HEX NUT, 1"-8 FULL, GR 5, Y/D
17	SN3481		TRANSPORT LEVER
18	SN2867		PIN CLIP, 1/2"-5/8" SHAFT, .120" DIA, 2" L
19	SN3464		GANG BAR, 53" RIGHT (7 SHANK)
	SN3466		GANG BAR, 58 1/2" RIGHT (9 SHANK)
20	SN3482		TRANSPORT LOCK
21	SN3066		COTTER PIN, 7/32" X 1 1/2"
22	SN3164		ROLL PIN, 5/16" X 2" SPIRAL MEDIUM DUTY, Y/D
23	SN5385		PIN, 1" X 3" (2 1/16"), Y/D
24	SN3763		U-BOLT, 3/4"-10 X 5 3/4" X 6 3/4" W, GR 5, Y/D
25	SN3750		OPERATOR'S MANUAL TUBE
26	SN3765		HOSE CLAMP, 3 1/2"

I0006343
PR: t05g29115b0001

11, 13, & 15 SHANK FRAME

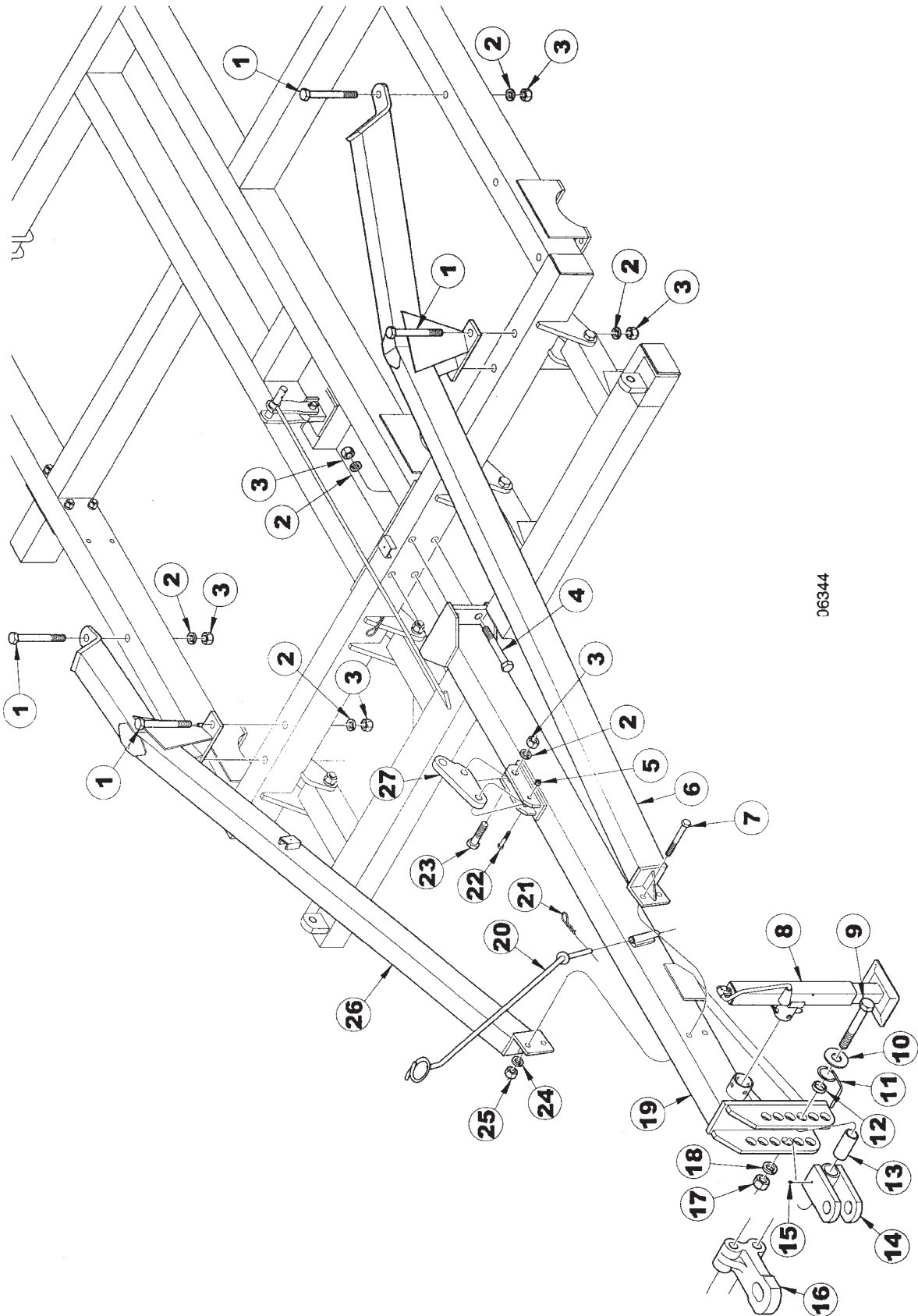


06346

ITEM	NUMBER	QTY	DESCRIPTION
1	SN1040		LOCK WASHER, 3/4" SPLIT TYPE MED, Y/D
2	SN106		HEX NUT, 3/4"-10 FULL, GR 5, Y/D
3	SN7309		SHANK MOUNT, OFFSET
	SN5945		SHANK MOUNT ASSEMBLY, OFFSET (ITEMS 1, 2, 3, & 27)
4	SN5356		CENTER FRAME, 4212
5	SN7001		SMV EMBLEM
6	SN2568		HEX BOLT, 1/4"-20 X 3/4", GR 5 Y/D
7	SN3881		LOCK NUT, 1/4"-20 HEX NYLON INSERT, GR 2, Y/D
8	SN506		FLAT WASHER, 1/4", Y/D
9	SN2566		S.M.V. SOCKET
10	SN109		HEX BOLT, 1"-8 X 7", GR 5, Y/D
11	SN3469		GANG BAR, 79 3/4" LEFT (11 SHANK)
	SN3471		GANG BAR, 88 1/2" LEFT (13 SHANK)
	SN3473		GANG BAR, 103 1/2" LEFT (15 SHANK)
12	SN1283		LOCK WASHER, 1" SPLIT TYPE MED, Y/D
13	SN110		HEX NUT, 1"-8 FULL, GR 5, Y/D
14	SN3750		OPERATOR'S MANUAL TUBE
15	SN3765		HOSE CLAMP, 3 1/2"
16	SN3481		TRANSPORT LEVER
17	SN3468		GANG BAR, 79 3/4" RIGHT (11 SHANK)
	SN3470		GANG BAR, 88 1/2" RIGHT (13 SHANK)
	SN3472		GANG BAR, 103 1/2" RIGHT (15 SHANK)
18	SN2097		HEX BOLT, 5/8"-11 X 5 1/2", GR 5, Y/D
19	SN3459		EXTENSION, 1 SHANK
20	SN669-1		LOCK NUT, 5/8" HEX NYLON
21	SN2867		PIN CLIP, 1/2"-5/8" SHAFT, .120" DIA, 2" L
22	SN3482		TRANSPORT LOCK
23	SN3066		COTTER PIN, 7/32" X 1 1/2"
24	SN5385		PIN, 1" X 3" (2 1/16"), Y/D
25	SN3164		ROLL PIN, 5/16" X 2" SPIRAL MEDIUM DUTY , Y/D
26	SN3460		EXTENSION, 2 SHANK
27	SN3763		U-BOLT, 3/4"-10 X 5 3/4" X 6 3/4" W, GR 5, Y/D

I0006346
PR: t05g29115b0002

TONGUE ASSEMBLY

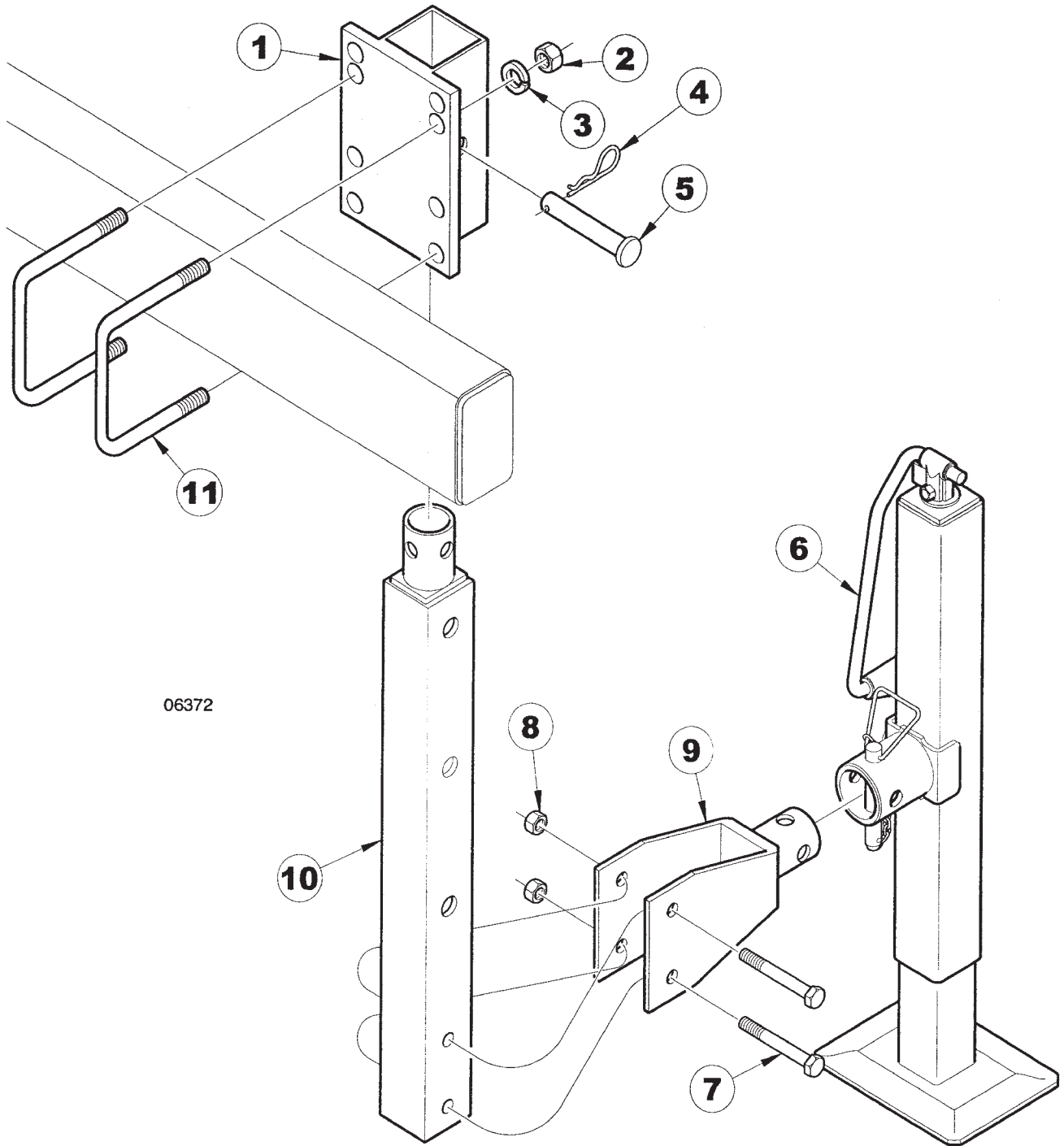


06344

ITEM	NUMBER	QTY	DESCRIPTION
1	SN3485		HEX BOLT, 1"-8 X 8", GR 5, Y/D
2	SN1283		LOCK WASHER, 1" SPLIT TYPE MED, Y/D
3	SN110		HEX NUT, 1"-8 FULL, GR 5, Y/D
4	SN109		HEX BOLT, 1"-8 X 7", GR 5, Y/D
5	SN2096		LOCK NUT, 1/2"-13 HEX NYLON INSERT
6	SN3456		TONGUE BRACE, 7 & 9 SHANK
	SN3458		TONGUE BRACE, 11-15 SHANK, LEFT
7	SN7322		HEX BOLT, 3/4"-10 X 6", GR 8, Y/D
8	SN9777		LONG TONGUE JACK, SQ W/TUBE MOUNT
9	SNFK150219		HEX BOLT, 1 1/4"-7 X 7 1/2" GR 5, Y/D
10	SN1881		FLAT WASHER, 1 1/2", Y/D
11	SN3152		HITCH CLEVIS HOLDER (DOUBLE CLEVIS)
12	SN5417		BUSHING, HITCH CLEVIS HOLDER (1 1/4" BOLT)
13	SN5370		HITCH CLEVIS BUSHING
14	SN3807		HITCH CLEVIS, 4" DOUBLE 1 1/4" HOLE (7 & 9 SHANK)
	SN1765		HITCH CLEVIS, 4" DOUBLE 1 13/16" HOLE (9, 11, 13, & 15 SHANK)
15	SN2098-1		GREASE ZERK, 1/8" NPTF, 5/8" L
16	SN5334		CAST SINGLE LIP HITCH, 1 1/2" HOLE (7 & 9 SHANK)
	SN4781		CAST SINGLE LIP HITCH, 2" HOLE (11, 13, & 15 SHANK)
17	SNFK150144		HEX NUT, 1 1/4"-7, GR 2, Y/D
18	SNFK150157		LOCK WASHER, 1 1/4", Y/D
19	SN5371		TONGUE
20	SN1652		HOSE HOLDER ROD
21	SN1609		COTTER PIN, 3/16" X 1 1/2"
22	SN156		HEX BOLT, 1/2"-13 X 3", GR 5 Y/D
23	SN155		HEX BOLT, 1"-8 X 3 1/2", GR 5 Y/D
24	SN1040		LOCK WASHER, 3/4" SPLIT TYPE MED, Y/D
25	SN106		HEX NUT, 3/4"-10 FULL, GR 5, Y/D
26	SN3455		TONGUE BRACE, 7 & 9 SHANK
	SN3457		TONGUE BRACE, 11-15 SHANK RIGHT
27	SN3483		CYLINDER BLOCK

I0006344
PR: t05g29115b0003

REAR JACK ASSEMBLY



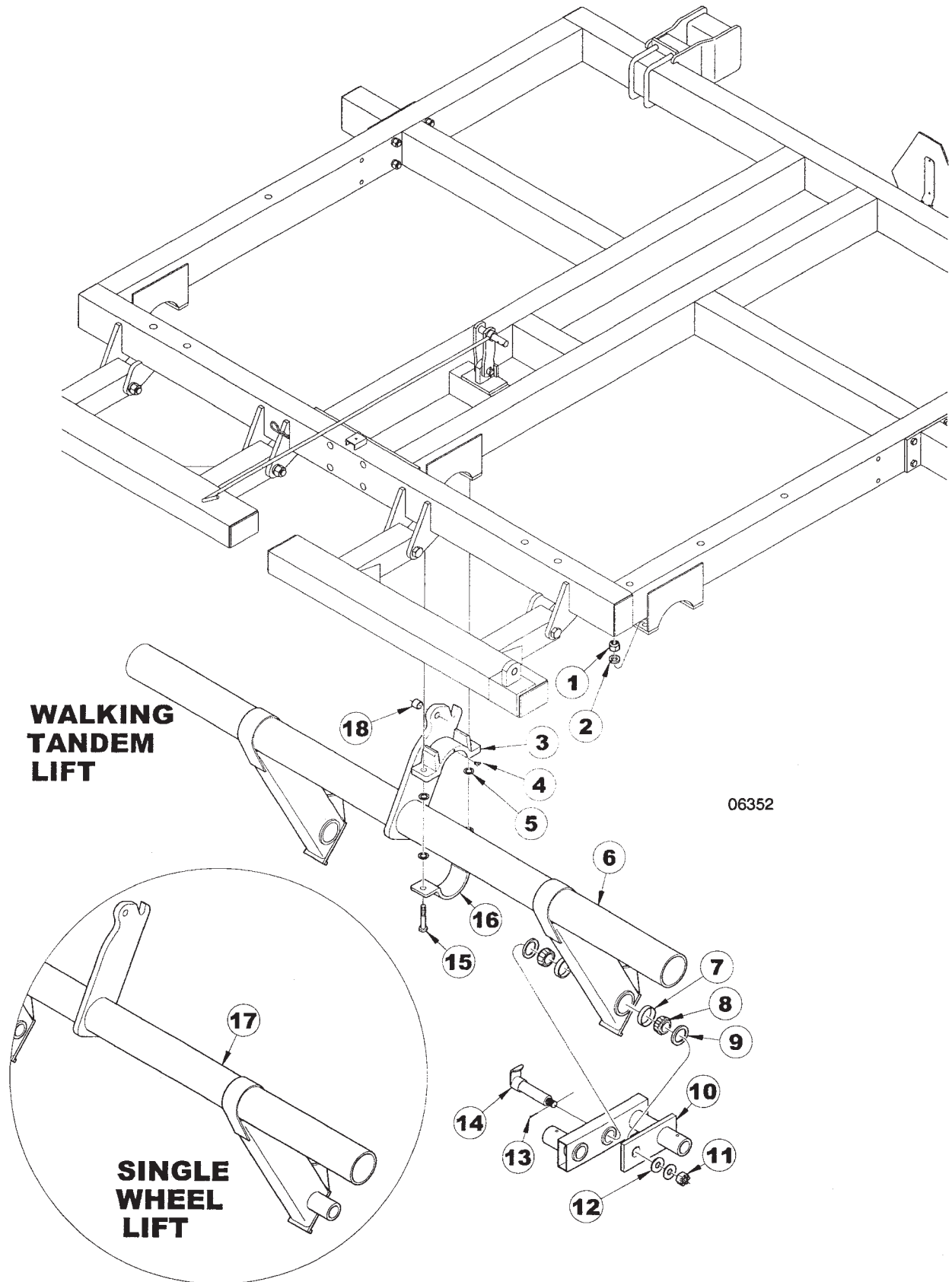
06372

REAR JACK ASSEMBLY

ITEM	NUMBER	QTY	DESCRIPTION
1	SN3353		JACK ADAPTER PLATE
2	SN106		HEX NUT, 3/4"-10 FULL, GR 5, Y/D
3	SN1040		LOCK WASHER, 3/4" SPLIT TYPE MED, Y/D
4	SN2867		PIN CLIP, 1/2"-5/8" SHAFT, .120" DIA, 2" L
5	SN2094		PIN, 3/4" X 4 1/2" (4"), Y/D
6	SN9777		LONG TONGUE JACK, SQ W/TUBE MOUNT
7	SN3371		HEX BOLT, 1/2"-13 X 4", GR 5, Y/D
8	SN2096		LOCK NUT, 1/2"-13 HEX NYLON INSERT
9	SN3355		JACK BRACKET
10	SN3354		JACK TUBE
11	SN3763		U-BOLT, 3/4"-10 X 5 3/4" X 6 3/4" W,
	SN5096		REAR JACK MOUNT ASSY, LONG LESS U-BOLTS & JACK

I0006372
PR: t05g29i15b0004

7 & 9 SHANK LIFT ASSEMBLY



4212 PARTS MANUAL
SERVICE PARTS

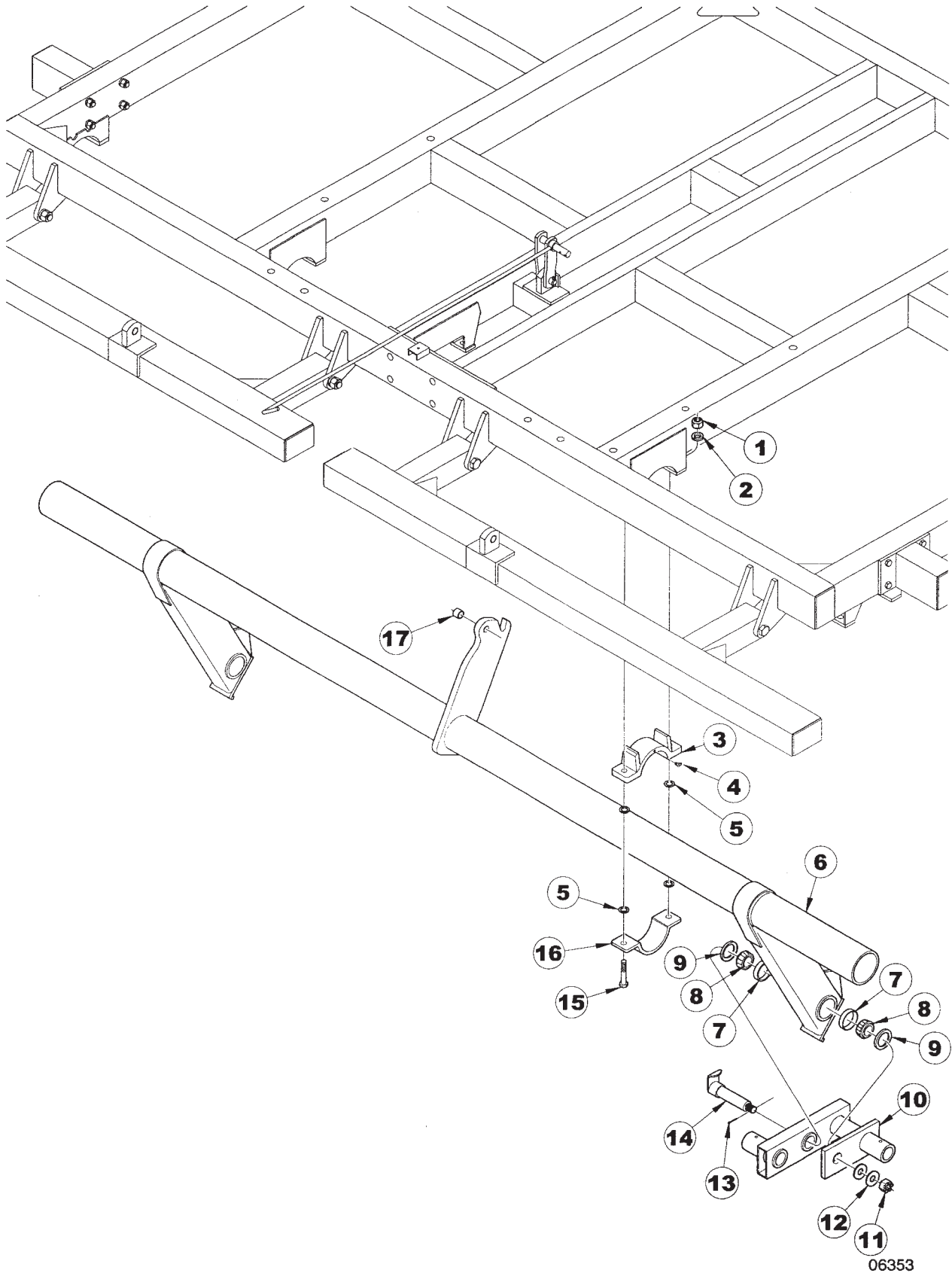
15

7 & 9 SHANK LIFT ASSEMBLY

ITEM	NUMBER	QTY	DESCRIPTION
1	SN106		HEX NUT, 3/4"-10 FULL, GR 5, Y/D
2	SN1040		LOCK WASHER, 3/4" SPLIT TYPE MED, Y/D
3	SN1570-1		TOP CLAMP W/SIDE ZERK HOLE
4	SNFK150053		GREASE ZERK, 1/8" NPT 65 DEG, SHORT ANGLE
5	SN2073		MACHINE BUSHING, 1 1/2" OD X 1" ID, 14 GA, Z/P
6	SN3920		CENTER LIFT, 7 & 9 SHANK
7	SN3062		WALKING BEAM RACE (332)
8	SN3061		WALKING BEAM BEARING (342A)
9	SN3063		WALKING BEAM SEAL (NAT.204035 C/R 22870)
10	SN3330		TANDEM PIVOT
11	SN2992		HEX NUT, 1"-14 FULL SLOTTED GR 2, Y/D
12	SN245		FLAT WASHER, 1" WIDE RIM, Y/D
13	SN3066		COTTER PIN, 7/32" X 1 1/2"
14	SN3331		SPINDLE, 2" X 9 7/8" TANDEM PIVOT
15	SN105		HEX BOLT, 3/4"-10 X 3 1/2", GR 5, Y/D
16	SN1571		BOTTOM CLAMP
17	SN3461		CENTER LIFT, 7 & 9 SHANK
18	SN1946		WEAR BUSHING, 1" ID X 1 1/4" OD

I0006352
PR: t05g29115b0005

11, 13, & 15 SHANK LIFT ASSEMBLY

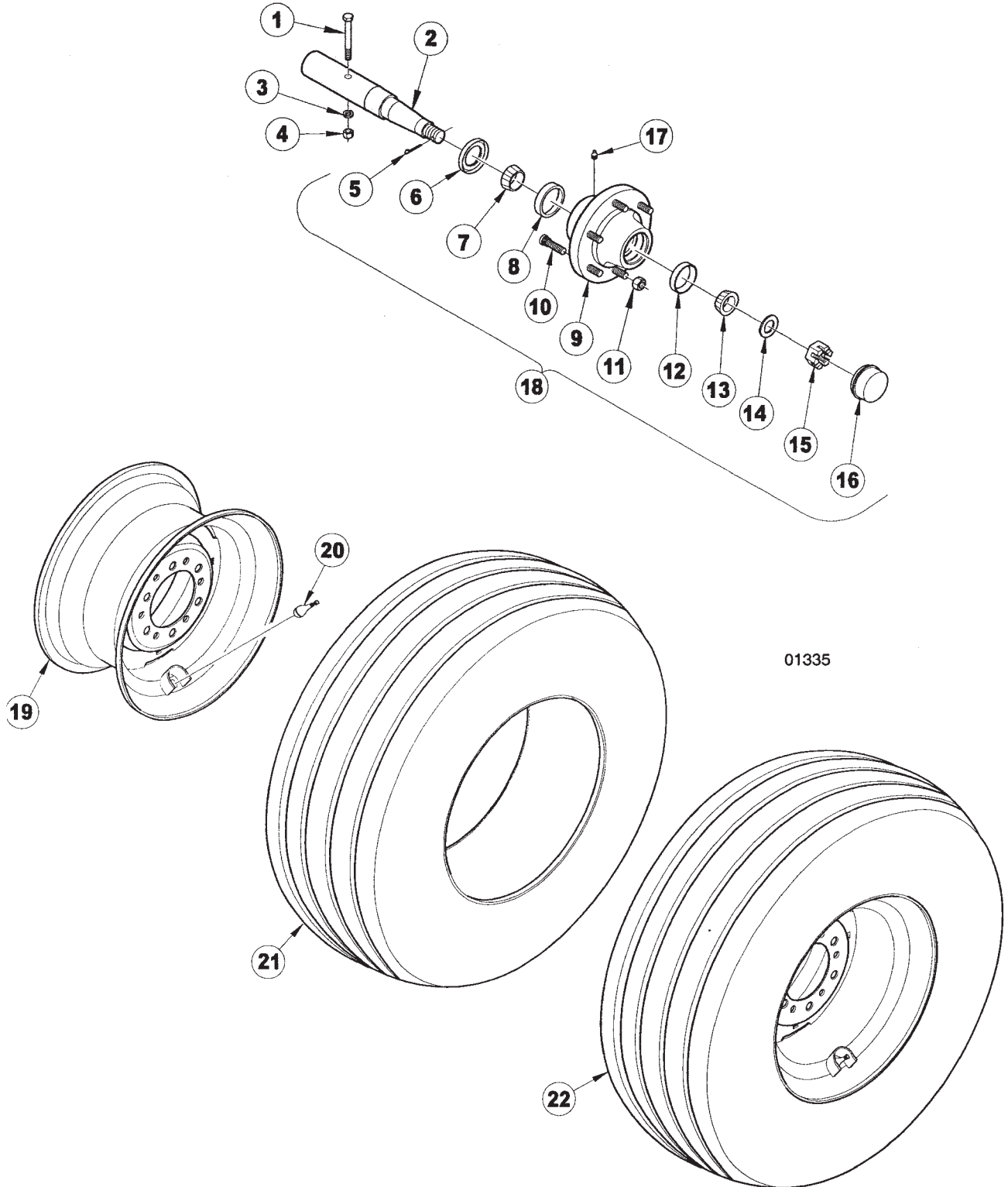


11, 13, & 15 SHANK LIFT ASSEMBLY

ITEM	NUMBER	QTY	DESCRIPTION
1	SN106		HEX NUT, 3/4"-10 FULL, GR 5, Y/D
2	SN1040		LOCK WASHER, 3/4" SPLIT TYPE MED, Y/D
3	SN1570-1		TOP CLAMP W/SIDE ZERK HOLE
4	SNFK150053		GREASE ZERK, 1/8" NPT 65 DEG, SHORT ANGLE
5	SN2073		MACHINE BUSHING, 1 1/2" OD X 1" ID, 14 GA, Z/P
6	SN6580		CENTER LIFT, 11-15 SHANK
7	SN3062		WALKING BEAM RACE (332)
8	SN3061		WALKING BEAM BEARING (342A)
9	SN3063		WALKING BEAM SEAL (NAT.204035 C/R 22870)
10	SN3330		TANDEM PIVOT
11	SN2992		HEX NUT, 1"-14 FULL SLOTTED GR 2, Y/D
12	SN245		FLAT WASHER, 1" WIDE RIM, Y/D
13	SN3066		COTTER PIN, 7/32" X 1 1/2"
14	SN3331		SPINDLE, 2" X 9 7/8" TANDEM PIVOT
15	SN105		HEX BOLT, 3/4"-10 X 3 1/2", GR 5, Y/D
16	SN1571		BOTTOM CLAMP
17	SN1946		WEAR BUSHING, 1" ID X 1 1/4" OD

I0006353
PR: t05g29115b0006

SIX BOLT HUB & SPINDLE ASSEMBLY
W/WHEEL & TIRES



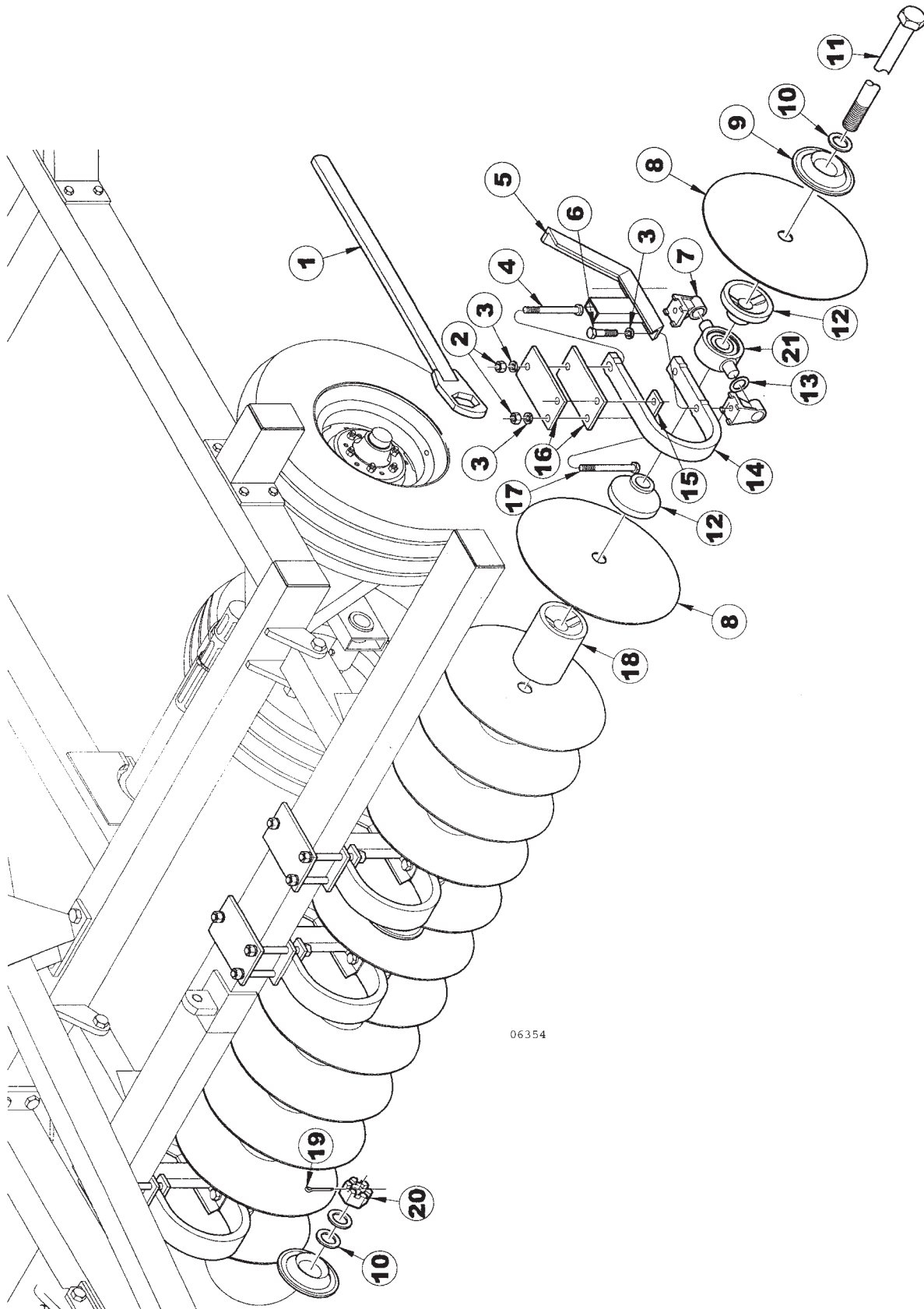
01335

SIX BOLT HUB & SPINDLE ASSEMBLY
W/WHEEL & TIRES

ITEM	NUMBER	QTY	DESCRIPTION
1	SN2585		HEX BOLT, 7/16"-14 X 3 1/2", GR 5, Y/D
2	SN3299		SPINDLE, 2" X 13 3/16"
3	SN302		LOCKWASHER, 7/16" SPLIT TYPE MED, Y/D
4	SN303		HEX NUT, 7/16"-14 FULL, GR 2, Y/D
5	SN3066		COTTER PIN, 7/32" X 1 1/2"
6	SN3301		TRIPLE LIP SEAL
7	SN1935		BEARING (LM501349)
8	SN1936		RACE (LM501310)
9	SN1937		SIX BOLT HUB, STUDDED W/CUPS AND LUG NUTS, PAINTED
10	SN3118		LUG BOLT, 9/16"-18 X 1 7/8" PRESS IN, PL
11	SN3117		LUG NUT, 9/16"-18, GR 5, 90 DEG TAPER, Y/D
12	SN1605		RACE (LM67010)
13	SN1606		BEARING (LM67048)
14	SN3303		WASHER, 1 1/32" ID X 1 3/4" OD X 1/8" THICK, PLAIN
15	SN3302		HEX NUT, 1"-14 FULL SLOTTED GR 2, PLAIN
16	SN1610		DUST CAP, 2.448" OD, Y/D
17	SN2098-6		GREASE ZERK, 1/4"-28, 17/32" L, STRAIGHT W/TAPER THREADS
18	SN3300		SIX BOLT HUB ASSEMBLY W/3301 SEAL
19	SN2198		WHEEL, 15 X 8, 6-BOLT
	SN1944		WHEEL, 15 X 10, 6 BOLT
20	SN3577		VALVE STEM
21	SN3578		TIRE, 9.5L X 15, 8 PLY, TUBELESS
	SN3580		TIRE, 11L X 15, 8 PLY TUBELESS
22	SN3584Y		TIRE, 9.5L 8 PLY TUBELESS W/15 X 8 WH ASSY 6 BT
	SN3058		TIRE, 11L 8 PLY TUBELESS W/15 X 10 WHEEL ASSY 6 BOLT

I0001335
PR: t05g29l15b0007

COULTER GANG ASSEMBLY



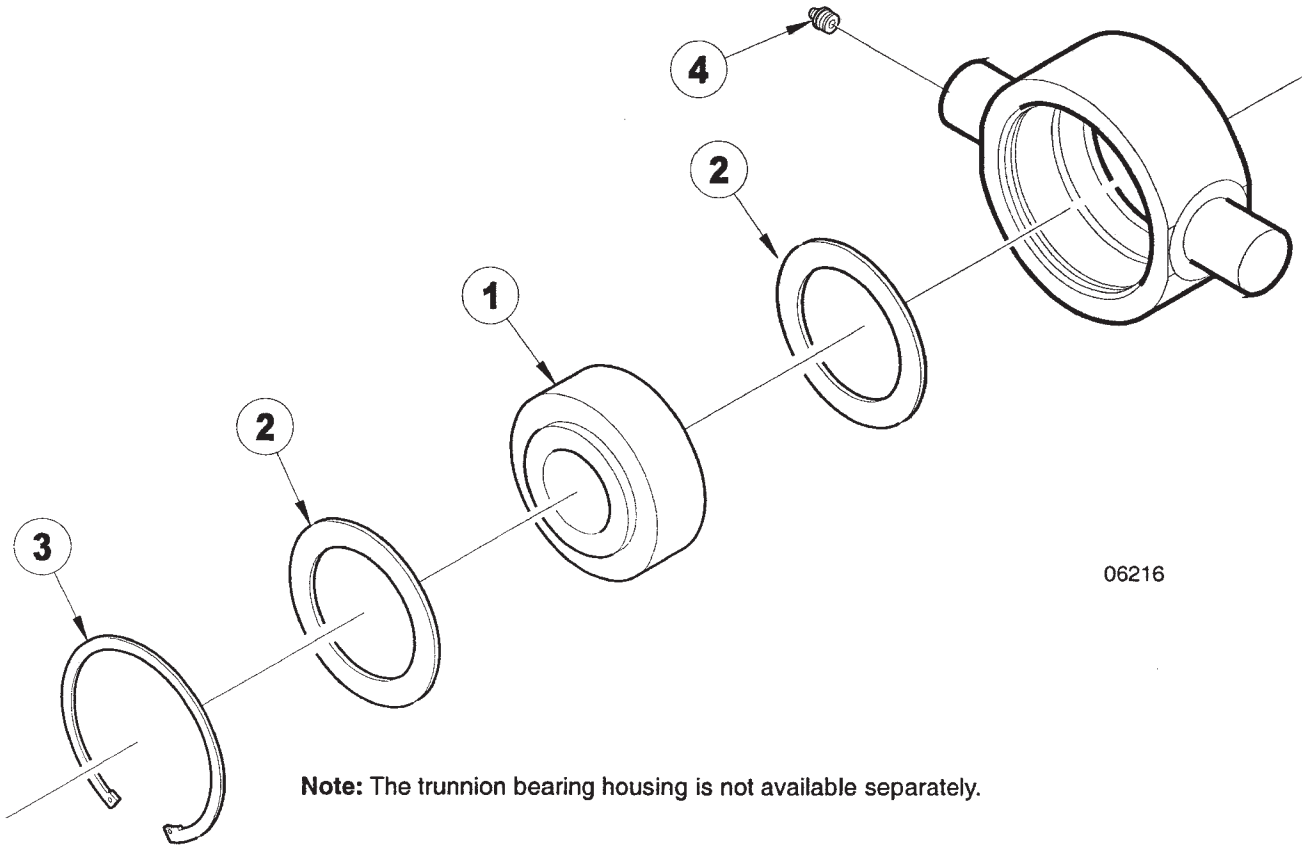
06354

COULTER GANG ASSEMBLY

ITEM	NUMBER	QTY	DESCRIPTION
1	SN2194		GANG WRENCH, 2 3/4"
2	SN106		HEX NUT, 3/4"-10 FULL, GR 5, Y/D
3	SN1040		LOCK WASHER, 3/4" SPLIT TYPE MED, Y/D
4	SN1484		HEX BOLT, 3/4"-10 X 7 1/2", GR 5, Y/D
5	SN3087		FLAT TRASH BAR MOUNT
6	SN1122		HEX BOLT, 3/4"-10 X 2 1/2", GR 5, Y/D
7	SN3096		TRUNNION BEARING MOUNT
8	SN2812-1		20" COULTER BLADE, 1 3/4" BORE 6 GA
	SN3273		19.940" COULTER, 1 3/4" BORE 4 GA
9	SN2723B		SPRING END COLLAR, 1 3/4" BORE
10	SN2037		FLAT WASHER, 1 13/16" ID X 2 13/16" OD X 1/4" THICK, Y/D
11	SN2866		SHAFT, 51 1/4", 1 3/4" DIA
	SN3942		SHAFT, 51 3/4", 1 3/4" DIA
	SN1990		SHAFT, 66 1/2", 1 3/4" DIA
	SN1990-1		SHAFT, 67", 1 3/4" DIA
	SN3067		SHAFT, 81", 1 3/4" DIA
	SN1997		SHAFT, 81 1/2", 1 3/4" DIA
	SN2999		SHAFT, 96, 1 3/4" DIA
	SN2007		SHAFT, 97", 1 3/4" DIA
	SN2866		SHAFT, 51 1/4", 1 3/4" DIA
	SN3945		SHAFT, 59 1/2", 1 3/4" DIA
	SN3942		SHAFT, 51 3/4", 1 3/4" DIA
	SN3944		SHAFT, 58 3/4", 1 3/4" DIA
12	SN3100		SPOOL, BEARING, 4211
13	SN3095		FLAT WASHER, 1 1/2" ID X 2 1/4" OD, 10 GA, Y/D
14	SN2761		SHANK, 1" C-FLEX
15	SN2763		CLAMP PLATE W/CORNER NIP
16	SN3484		C-FLEX MOUNTING PLATE
17	SN918		HEX BOLT, 3/4"-10 X 8", GR 5, Y/D
18	SN2814		SPOOL, FULL, 4210-4230
19	SN108		COTTER PIN, 5/16" X 2 1/2", Y/D
20	SN2036		HEX NUT, 1 3/4"-5 SLOTTED
21	SN3090		TRUNNION BEARING COMPLETE

I0006354
PR: t05g29115b0008

TRUNNION BEARING ASSEMBLY



06216

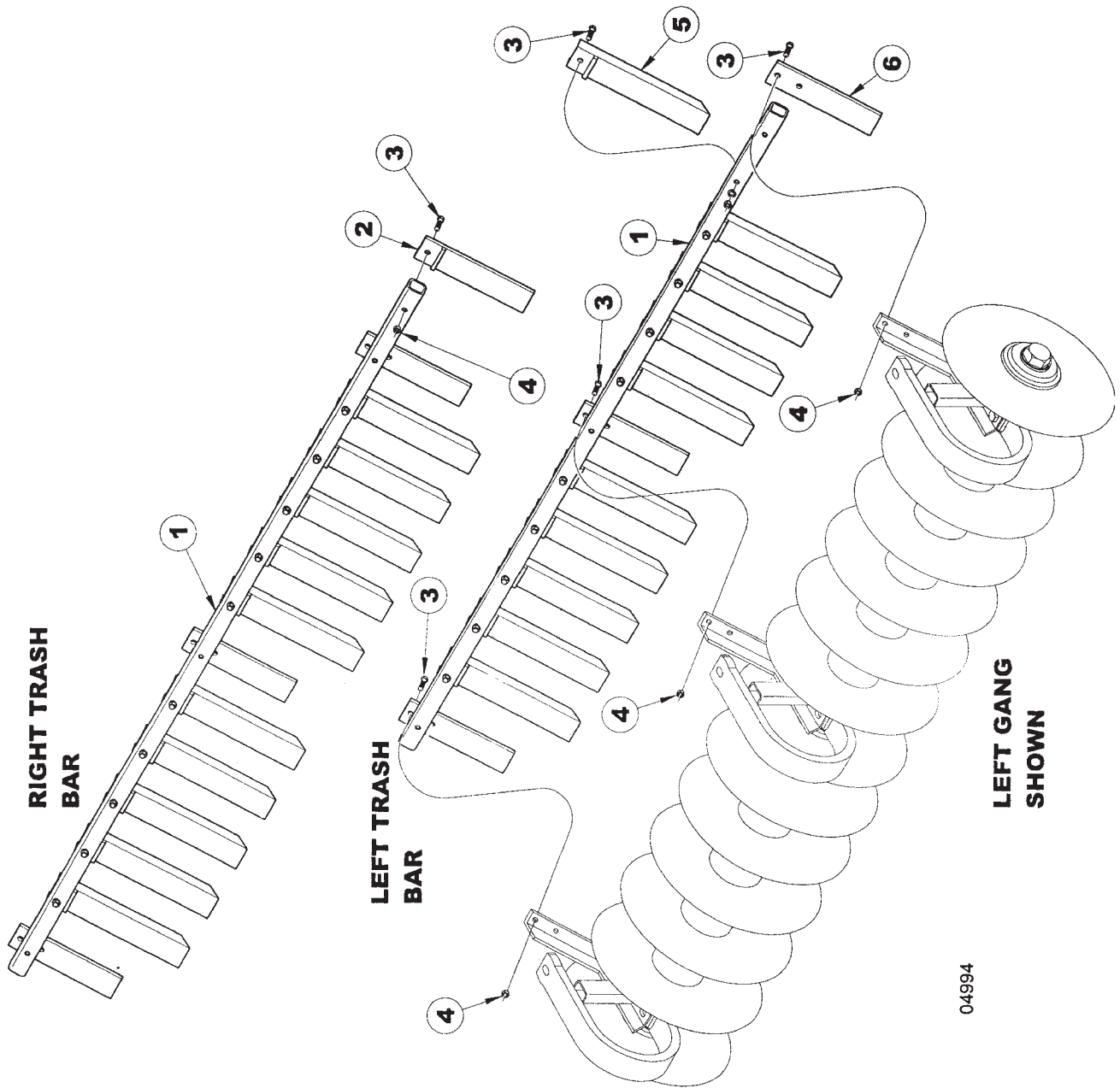
Note: The trunnion bearing housing is not available separately.

TRUNNION BEARING ASSEMBLY

ITEM	NUMBER	QTY	DESCRIPTION
1	SN3091		SUNFLOWER HOUSING, BCA BEARING
2	SN4924		TRUNNION BEARING REPLACEMENT
3	SN3094		TRUNNION BEARING SHIELD (BCA)
4	SN2098-1		TRUNNION BEARING RETAINER
			GREASE ZERK, 1/8" NPTF, 5/8" L
			TRUNNION BEARING SHIELD SPECIFICATIONS
	SN4924		2.8375" I.D. X 3.929" O.D. X .100" THICK
	SN3094		TRUNNION BEARING RETAINER THICKNESS .109" THICK

I0006216
PR: t05g29115b0009

TRASH BAR ASSEMBLY



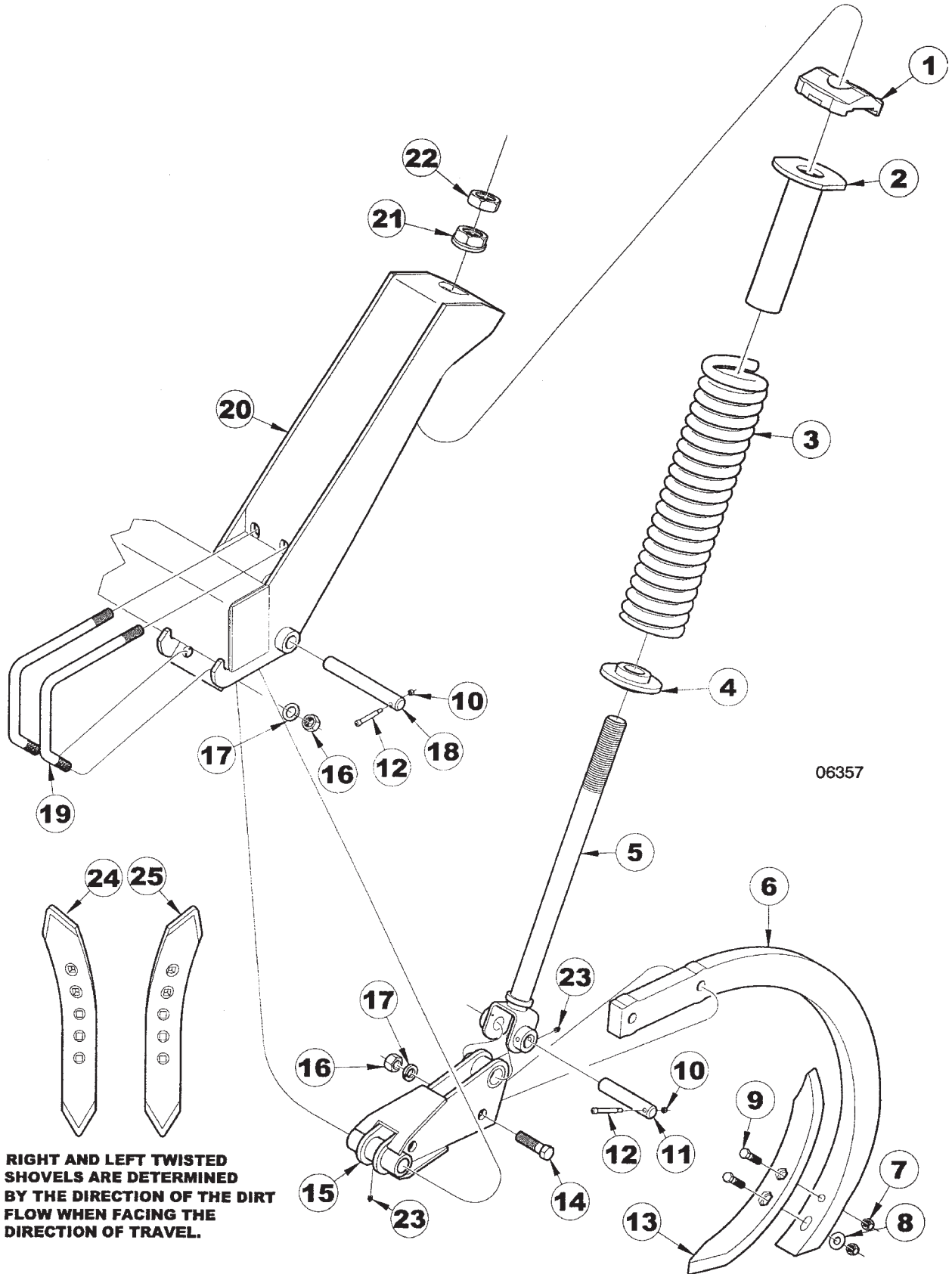
04994

TRASH BAR ASSEMBLY

ITEM	NUMBER	QTY	DESCRIPTION
1	SN2843		TRASH BAR, 58 1/2"
	SN2844		TRASH BAR, 66"
	SN2840		TRASH BAR, 73 1/2"
	SN3474		TRASH BAR, 81"
	SN3476		TRASH BAR, 96"
	SN5379		TRASH BAR, 103 1/2" L
2	SN3678		FLAT TRASH ARM, 13" LONG (BETWEEN GANGS ONLY)
	SN1507		HEX BOLT, 1/2"-13 X 3 1/2", GR 5, Y/D
4	SN2096		LOCK NUT, 1/2"-13 HEX NYLON INSERT
5	SN3088		TRASH ARM
6	SN3958		FLAT TRASH ARM (BEARING STANDARDS ONLY)

I0004994
PR: t05g29115b0010

AUTO RESET SHANK (VERSION 1, SERIAL
04212L20040110 & EARLIER)



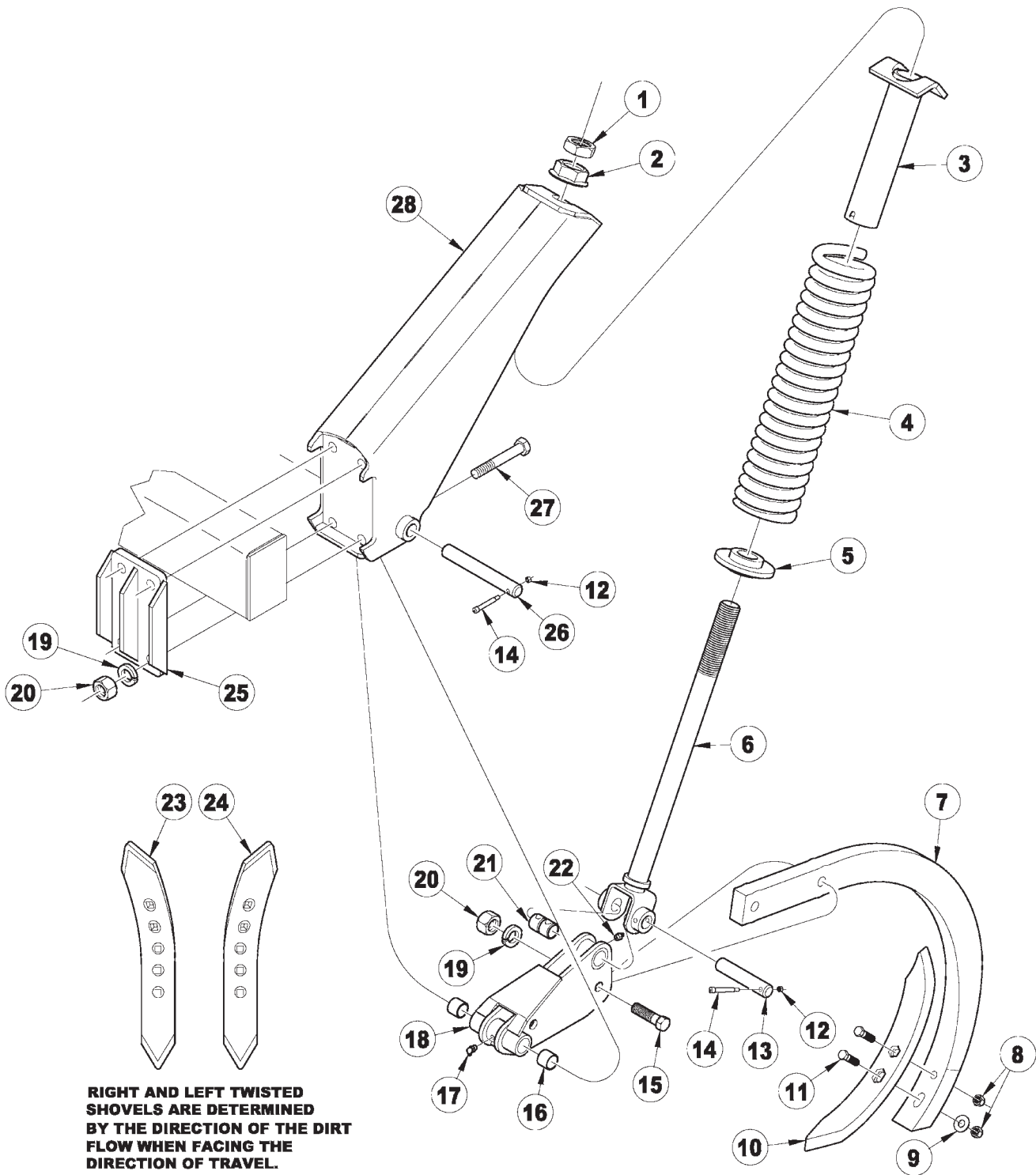
RIGHT AND LEFT TWISTED SHOVELS ARE DETERMINED BY THE DIRECTION OF THE DIRT FLOW WHEN FACING THE DIRECTION OF TRAVEL.

AUTO RESET SHANK (VERSION 1, SERIAL
04212L20040110 & EARLIER)

ITEM	NUMBER	QTY	DESCRIPTION
1	SN5422		PIVOT PLATE, AUTO RESET SHANK
2	SN5424		SPRING TUBE
3	SN5419		SPRING, 4.375" OD X 2.625" ID X 17.59" L COMPRESSION
4	SN5426		SPRING WASHER
5	SN9370		SPRING ROD
6	SN5418		SHANK, 1 1/4" X 2 1/2" X 30"
	SN5421		SHANK ASSY, AUTO RESET (1-8, 10-12, 14-23)
7	SN2096		LOCK NUT, 1/2"-13 HEX NYLON INSERT
8	SN486		FLAT WASHER, 1/2", Y/D
9	SN156		HEX BOLT, 1/2"-13 X 3", GR 5 Y/D
	SN2949		PLOW BOLT, 1/2"-13 X 3", GR 5, Y/D
10	SN3881		LOCK NUT, 1/4"-20 HEX NYLON INSERT, GR 2, Y/D
11	SN3162		PIN, 1" X 4" (3 15/32"), Y/D
12	SN3880		SHOULDER BOLT, 5/16" X 1 3/4", GR 8 EQUIV
13	SN1053-1		POINT, 7/8" X 2" X 19 1/2" EXTRA HEAVY
14	SN9493		HEX BOLT, 3/4"-10 X 3", 1" THD GR 5, Y/D
15	SN9969		SHANK HOLDER
16	SN106		HEX NUT, 3/4"-10 FULL, GR 5, Y/D
17	SN1040		LOCK WASHER, 3/4" SPLIT TYPE MED, Y/D
18	SN3163		PIN, 1" X 7 1/2" (6 27/32"), Y/D
19	SN5428		L-BOLT, 3/4"-10 X 9, Y/D
20	SN5429		SHANK MOUNT
21	SN5425		HEX FLANGE NUT, 1 1/2"-6 UNC Y/D
22	SN2079		JAM NUT, 1 1/2"-6 HEX, GR 2, Y/D
23	SN2098-1		GREASE ZERK, 1/8" NPTF, 5/8" L
24	SN1725		SHOVEL, 1/2" X 3" RIGHT TWISTED
	SN4803		SHOVEL, 1/2" X 4" RIGHT TWISTED SLASH POINT
25	SN1726		SHOVEL, 1/2" X 3" LEFT TWISTED
	SN4804		SHOVEL, 1/2" X 4" LEFT TWISTED SLASH POINT

I0006357
PR: t05g29l15b0011

**AUTO RESET SHANK (VERSION 2, SERIAL
04212L20040111 & LATER)**

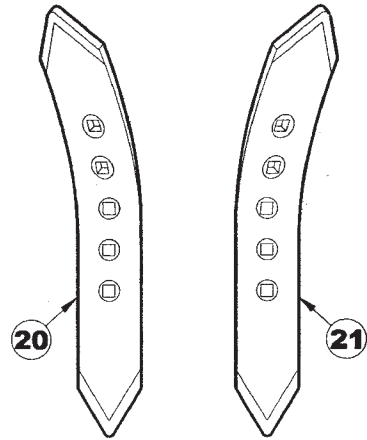
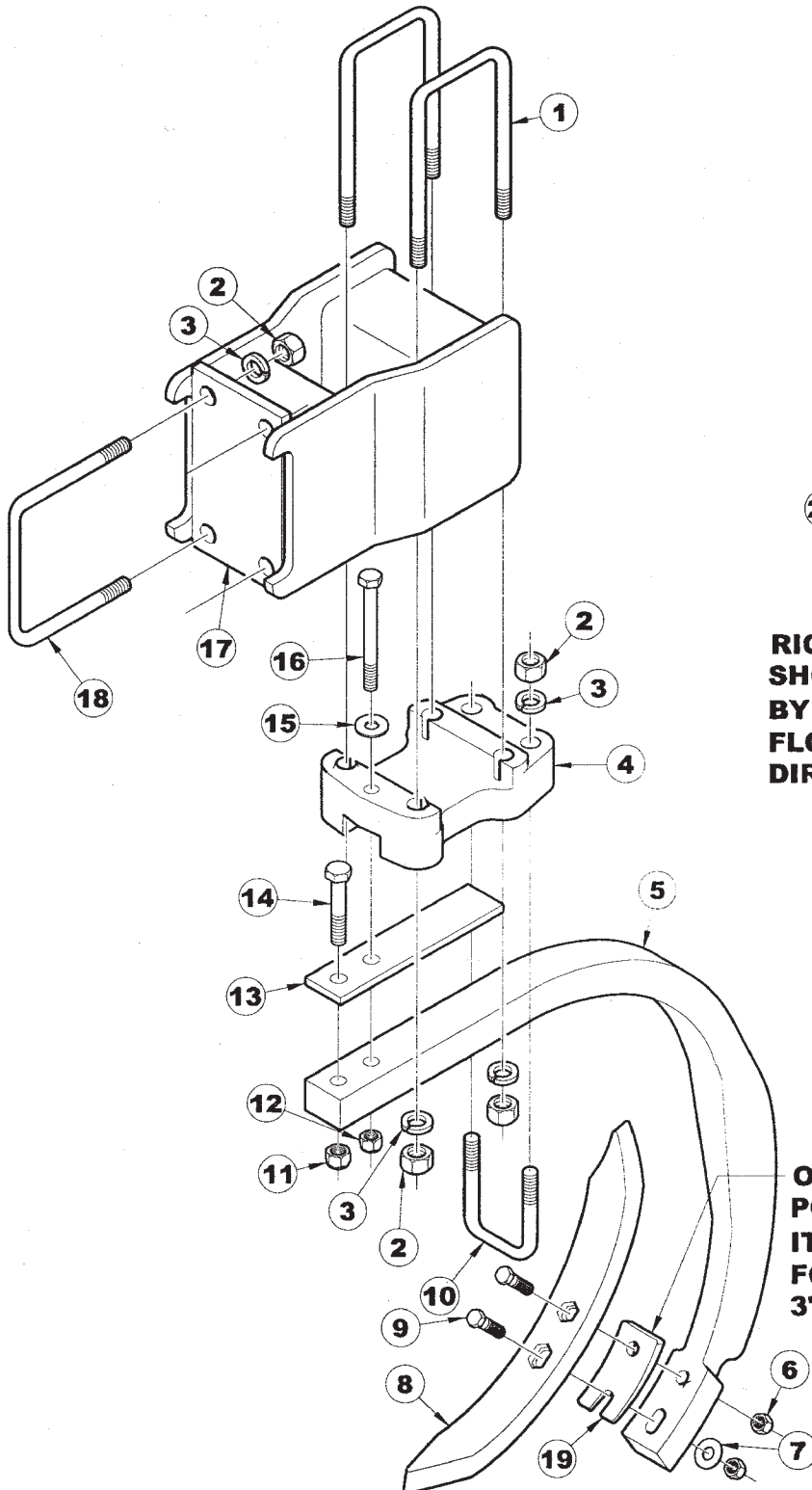


**RIGHT AND LEFT TWISTED
SHOVELS ARE DETERMINED
BY THE DIRECTION OF THE DIRT
FLOW WHEN FACING THE
DIRECTION OF TRAVEL.**

ITEM	NUMBER	QTY	DESCRIPTION
1	SN1880		JAM NUT, 1 1/2"-6 HEX W/SET SCREW, GR 2, Y/D
2	SN12655		HEX FLANGE NUT, 1 1/2"-6 UNC Y/D
3	SN12572		TUBE, SPRING
4	SN5419		SPRING, 4.375" OD X 2.625" ID X 17.59" L COMPRESSION
5	SN5426		SPRING WASHER
6	SN9370		SPRING ROD
7	SN12473B		SHANK, 1 1/4" X 2 1/2" X 30", 50 DEG
8	SN2096		LOCK NUT, 1/2"-13 HEX NYLON INSERT, GR 8, Y/D
9	SN486		FLAT WASHER, 1/2", Y/D
10	SN4810		POINT, 1" X 2" X 18", REV, HEAVY DUTY
11	SN156		HEX BOLT, 1/2"-13 X 3", GR 5 Y/D
	SN2949		PLOW BOLT, 1/2"-13 X 3", GR 5, Y/D
12	SN3881		LOCK NUT, 1/4"-20 HEX NYLON INSERT, GR 2, Y/D
13	SN5544		PIN, 1" X 4 1/4" (3 23/32"), Y/D
14	SN3880		SHOULDER BOLT, 5/16" X 1 3/4", GR 8
15	SN9493		HEX BOLT, 3/4"-10 X 3", 1" THD GR 5, Y/D
16	SN1946		WEAR BUSHING, 1" ID X 1 1/4" OD
17	SN2098-4		GREASE ZERK, 1/8" NPTF, 90 DEG
18	SN12571R		HOLDER, SHANK (ITEMS 16, 17, 21, & 22)
19	SN1040		LOCK WASHER, 3/4" SPLIT TYPE MED, Y/D
20	SN106		HEX NUT, 3/4"-10 FULL, GR 5, Y/D
21	SN12565P		BUSHING, SPRING 1 1/4" OD X 1" ID, 2" L
22	SN2098-1		GREASE ZERK, 1/8" NPTF, 5/8" L
23	SN1725		SHOVEL, 1/2" X 3" RIGHT TWISTED
	SN4803		SHOVEL, 1/2" X 4" RIGHT TWISTED SLASH POINT
24	SN1726		SHOVEL, 1/2" X 3" LEFT TWISTED
	SN4804		SHOVEL, 1/2" X 4" LEFT TWISTED SLASH POINT
25	SN12569		PLATE, SHANK MOUNT
26	SN3163		PIN, 1" X 7 1/2" (6 27/32"), Y/D
27	SN1791		HEX BOLT, 3/4"-10 X 6 1/2", GR 5, Y/D
28	SN12570		MOUNT, SHANK
	SN12574		SHANK ASSY, AUTO RESET (ITEMS 1-7, 12-15, 18-20, 25-28)

I0007587
PR: t05g29115b0012

RIGID SHANK ASSEMBLY



RIGHT AND LEFT TWISTED SHOVELS ARE DETERMINED BY THE DIRECTION OF THE DIRT FLOW WHEN FACING THE DIRECTION OF TRAVEL.

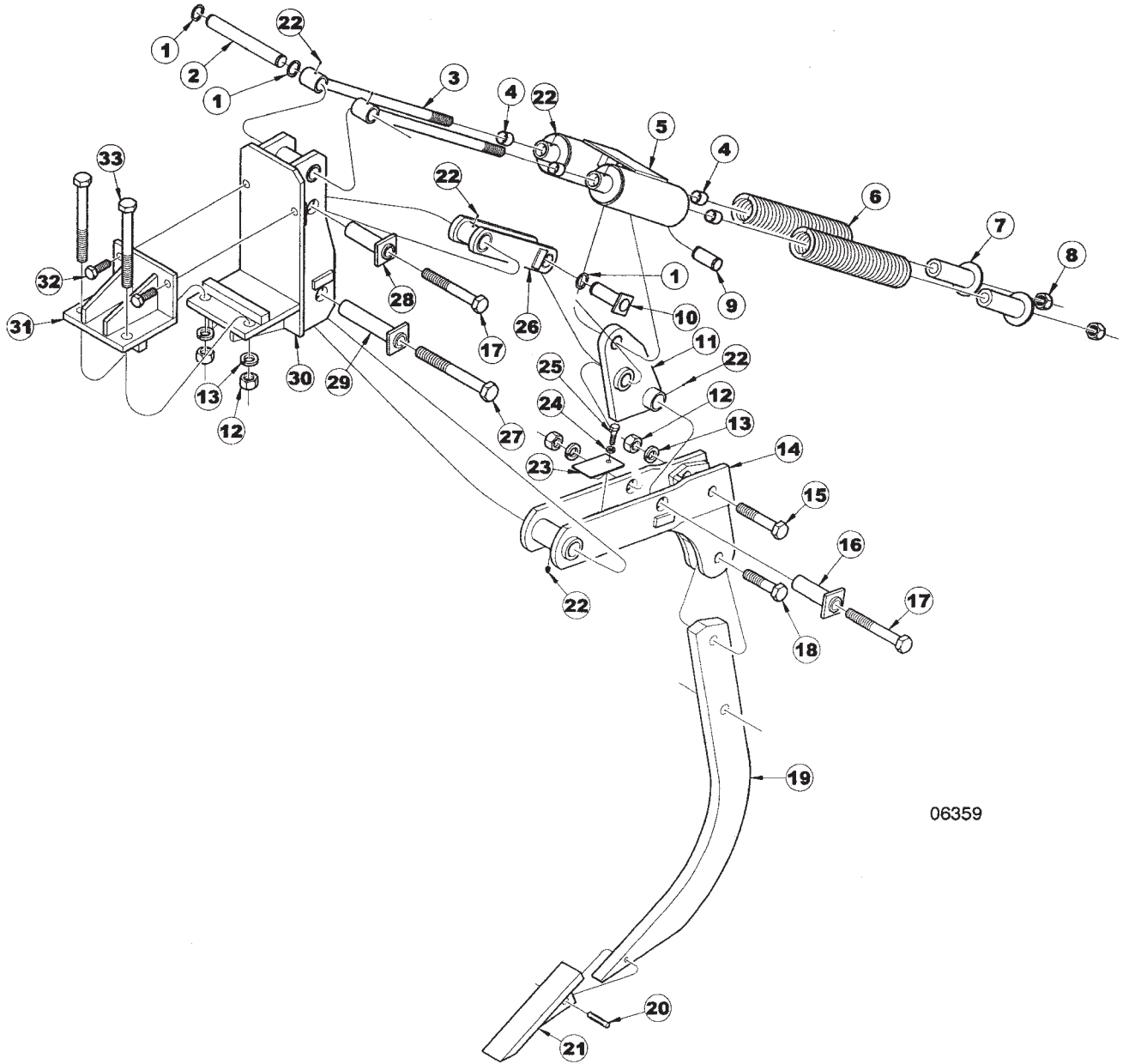
OPTIONAL WEDGE FOR POINTS OR SWEEPS, IT IS NOT RECOMMENDED FOR USE WITH 3" OR 4" TWISTED SHOVELS

RIGID SHANK ASSEMBLY

ITEM	NUMBER	QTY	DESCRIPTION
1	SN3755		U-BOLT, 3/4"-10 X 8 3/4" X 4 13/16" W, GR 5, Y/D
2	SN106		HEX NUT, 3/4"-10 FULL, GR 5, Y/D
3	SN1040		LOCK WASHER, 3/4" SPLIT TYPE MED, Y/D
4	SN3751		SHANK CLAMP CASTING-RED
5	SN5676		SHANK, 30" EDGE BENT
6	SN2096		LOCK NUT, 1/2"-13 HEX NYLON INSERT
7	SN486		FLAT WASHER, 1/2", Y/D
8	SN1053-1		POINT, 7/8" X 2" X 19 1/2" EXTRA HEAVY
9	SN156		HEX BOLT, 1/2"-13 X 3", GR 5 Y/D
	SN2949		PLOW BOLT, 1/2"-13 X 3", GR 5, Y/D
10	SN3754		U-BOLT, 3/4"-10 X 4 1/4" X 3 3/8" W, GR 5, Y/D
11	SN669-1		LOCK NUT, 5/8" HEX NYLON
12	SN3757		LOCK NUT, 9/16"-12 HEX NYLON INSERT, GR 8, PLATED
13	SN3753B		SHANK STOP
14	SN3758		HEX BOLT, 5/8"-11 X 3", GR 5, Y/D
15	SN3759		FLAT WASHER, 9/16", Y/D
16	SN3756		HEX BOLT, 9/16"-12 X 4 1/2", GR 5, Y/D
17	SN7309		SHANK MOUNT, OFFSET
	SN5945		SHANK MOUNT ASSEMBLY, OFFSET
18	SN3763		U-BOLT, 3/4"-10 X 5 3/4" X 6 3/4" W, GR 5, Y/D
19	SN9265		ADAPTOR WEDGE
20	SN1725		SHOVEL, 1/2" X 3" RIGHT
	SN4803		SHOVEL, 1/2" X 4" RIGHT
21	SN1726		SHOVEL, 1/2" X 3" LEFT TWISTED
	SN4804		SHOVEL, 1/2" X 4" LEFT TWISTED SLASH POINT

I0006356
PR: t05g29115b0013

DEEP TILL SHANK ASSEMBLY



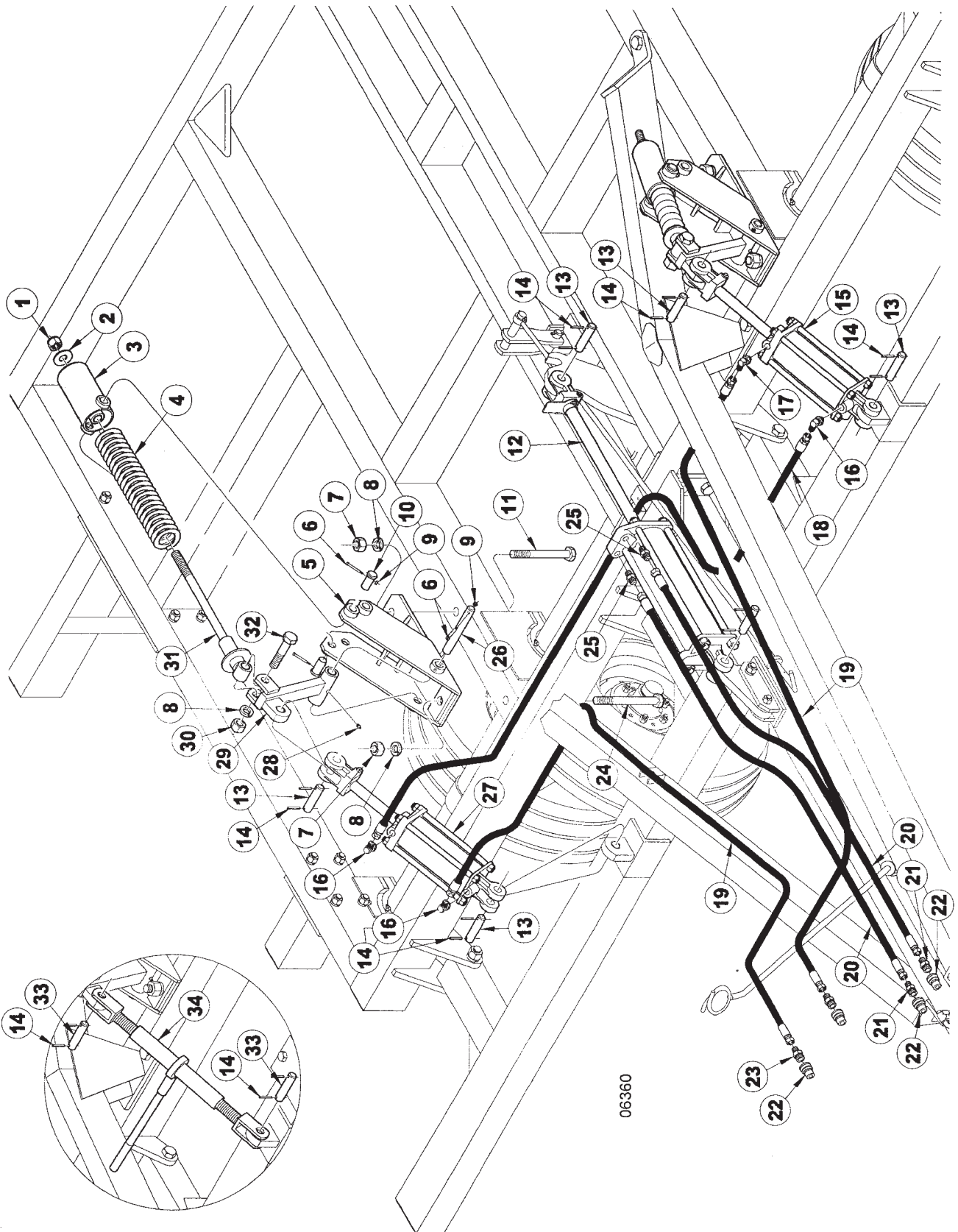
06359

DEEP TILL SHANK ASSEMBLY

ITEM	NUMBER	QTY	DESCRIPTION
1	SN5080		SNAP RING, 1 1/4", Y/D
2	SN5063		PIN, 1 1/4" X 9 3/4" (9 1/8"), Y/D
3	SN5066		SPRING ROD
4	SN1946		WEAR BUSHING, 1"ID X 1 1/4"OD
5	SN5068		SPRING BARREL
6	SN3159		SPRING, 3.25" OD X 1.87" ID X 17.03"L COMPRESSION, 11/16"DIA
7	SN5067		SPRING END
8	SN3938		LOCK NUT, 1"-8 HEX NYLON
9	SN5062		PIN, 1 1/4" X 2 15/16" (2 5/16") Y/D
10	SN5636		PIN, 1 1/4" X 4 1/16" (3 3/8") SQUARE HEADED, Y/D
11	SN5635		LOWER TRIP LINK
12	SN110		HEX NUT, 1"-8 FULL, GR 5, Y/D
13	SN1283		LOCK WASHER, 1" SPLIT TYPE MED, Y/D
14	SN5659		SHANK HOLDER, AUTO RESET
15	SNFK150013		HEX BOLT, 1"-8 X 5" GR 5, Y/D
16	SN5660		BUSHING, 1.500"OD X 1.032"ID, 5 1/4" L, SQ HEAD
17	SN109		HEX BOLT, 1"-8 X 7", GR 5, Y/D
18	SN1753		HEX BOLT, 1"-8 X 4" GR5, Y/D
19	SN5015		SHANK, 1 1/4" X 4" X 36"
	SN5646		SHANK ASSY, DEEP TILL/AUTO RESET, 4200
20	SN5089		PIN, 1/2" X 2 1/2" POINT
21	SN5273		POINT, 1" X 2 1/2" X 12"
	SN5274		POINT, 1" X 2 1/2" X 12"
	SN5289		POINT, 1" X 2 1/2" X 12" W/ CHROME CAP W/PIN
22	SN2098-6		GREASE ZERK, 1/4"-28, 17/32" L, STRAIGHT W/TAPER THREADS
23	SN5286		SHIM, SHANK HOLDER
24	SN113		LOCK WASHER, 1/2" SPLIT TYPE MED, Y/D
25	SNHCS12131		HEX BOLT, 1/2"-13 X 1" GR 5, Y/D
26	SN5637		UPPER TRIP LINK
27	SN1357		HEX BOLT, 1 1/8"-7 X 9" GR 5, Y/D
28	SN5660		BUSHING, 1.500"OD X 1.032"ID, 5 1/4" L, SQ HEAD
29	SN5661		BUSHING, 1.500"OD X 1.156"ID, 7 3/4" L, SQ HEAD
30	SN5645		SHANK MOUNT, AUTO RESET
31	SN5507		TOP MOUNTING PLATE
32	SN1220		HEX BOLT, 3/4"-10 X 2", GR 5 Y/D
33	SN5081		HEX BOLT, 1"-8 X 9", GR 5, Y/D

I0006359
PR: t05g29115b0014

HYDRAULICS ASSEMBLY



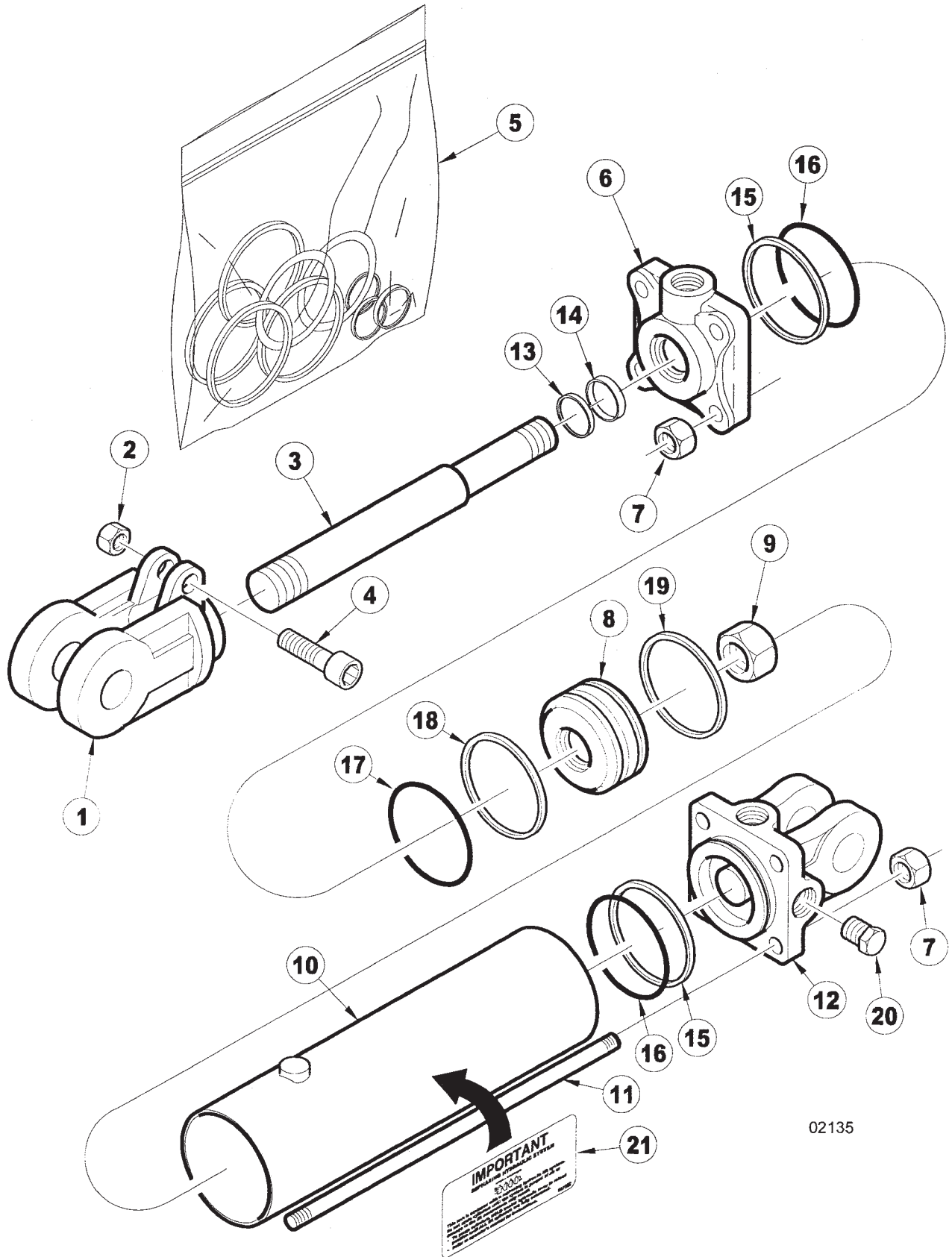
ITEM	NUMBER	QTY	DESCRIPTION
1	SN3938		LOCK NUT, 1"-8 HEX NYLON
2	SN245		FLAT WASHER, 1" WIDE RIM, Y/D
3	SN3158		SPRING BARREL
4	SN5388		SPRING, 1 7/8" ID X 17" L, 9/16" DIA
5	SN3478		COULTER CYLINDER MOUNT, SPRING
6	SN3880		SHOULDER BOLT, 5/16 X 1 3/4, GR8 EQUIV
7	SN110		HEX NUT, 1"-8 FULL, GR 5, Y/D
8	SN1283		LOCK WASHER, 1" SPLIT TYPE MED, Y/D
9	SN3881		LOCK NUT, 1/4-20 NYL INSERT, GR2, Y/D
10	SN3161		PIN, 1" X 2 1/4" (1 9/16"), Y/D
11	SN3485		HEX BOLT, 1"-8 X 8", GR 5, Y/D
12	SN4441		CYLINDER, 4" X 16" W/STR CON ORB CROSS (*VERSION 1, PRIOR TO 9/16/03)
	SN12048		CYLINDER, 4" X 16" W/STR CON ORB 3000 PSI(*VERSION 2, 9/16/03 & LATER)
13	SN5339		PIN, 1" X 4 1/16" (3"), Y/D
14	SN3164		ROLL PIN, 5/16 X 2 SPIRAL MED DUTY, Y/D
15	SN4438		CYLINDER, 3 3/4" X 8" SLAVE ORB CROSS (*VERSION 1, PRIOR TO 6/27/03)
	SN12059		CYLINDER, 3 3/4" X 8" SLAVE CROSS, 3000 PSI (*VERSION 2, 6/27/03 & LATER)
16	SN4454		90 DEG STR THREAD ELBOW, 3/4"-16
17	SN4455		90 DEG STR THD ELBOW, 3/4"-16 MF X 3/4"-16 MOR W/1/16" REST
18	SN4116002		HOSE, 3/8" X 116" L, FEMALE ENDS
	SN4090002		HOSE, 3/8" X 90" L, FEMALE ENDS
19	SN4168002		HOSE, 3/8" X 168" L, FEMALE ENDS
20	SN4150005		HOSE, 1/2" X 150" L, FEMALE ENDS
21	SN2426		MALE CONNECTOR, 7/8"-14 MF X 1/2-14 MPT
22	SN3253		HYDRAULIC COUPLER, MALE HALF
23	SN2425		MALE CONNECTOR, 3/4"-16 MF X 1/2-14 MPT
24	SN2316		HEX BOLT, 1"-8 X 8 1/2", GR 5, Y/D
25	SN4464		STRAIGHT THD.CONNECTOR, 7/8"-14
26	SN3163		PIN, 1" X 7 1/2" (6 27/32"), Y/D
27	SN4437		CYLINDER, 4" X 8" MASTER W/O STR CON (*VERSION 1, PRIOR TO 8/12/03)
	SN12047		CYLINDER, 4X8 MASTER W/O STR CON CROSS, 3000 (*VERSION 2, 8/12/03 & LATER)
28	SN2098-1		GREASE ZERK, 1/8" NPTF, 5/8" L
29	SN3479		CYLINDER MOUNT PIVOT, 4211
30	SN1849		JAM NUT, 1"-8 HEX, GR 2, Y/D
31	SN3160		SPRING ADJUSTING BOLT
32	SN1753		HEX BOLT, 1"-8 X 4" GR5, Y/D
33	SN5385		PIN, 1" X 3" (2 1/16"), Y/D
34	SN2893		RATCHET JACK

*WHEN ORDERING HYDRAULIC CYLINDER COMPONENTS, BE SURE TO NOTE THE PART NUMBER AND THE CYLINDER PSI. (LOCATED ON THE CYLINDER DECAL) AS THEY CONTAIN DIFFERENT COMPONENTS. OLDER CYLINDERS WERE 2500 PSI. AND THE NEWER CYLINDERS ARE 3000 PSI. IDENTIFYING THE PART # OF THE CYLINDER IS EXTREMELY IMPORTANT WHEN ORDERING PARTS TO ENSURE PROPER OPERATION OF THE HYDRAULIC CYLINDER.

THESE PARTS ARE IMPORTANT TO THE SAFETY OF THIS EQUIPMENT AND THOSE WHO OPERATE IT. USE ONLY EXACT REPLACEMENT PARTS TO PREVENT HYDRAULIC FAILURE.

I0006360
PR: t05g29115b0015

3 3/4" X 8" SLAVE CYLINDER 4438
(VERSION 1, PRIOR TO 6/27/03)



**4212 PARTS MANUAL
SERVICE PARTS**

37

**3 3/4" X 8" SLAVE CYLINDER 4438
(VERSION 1, PRIOR TO 6/27/03)**

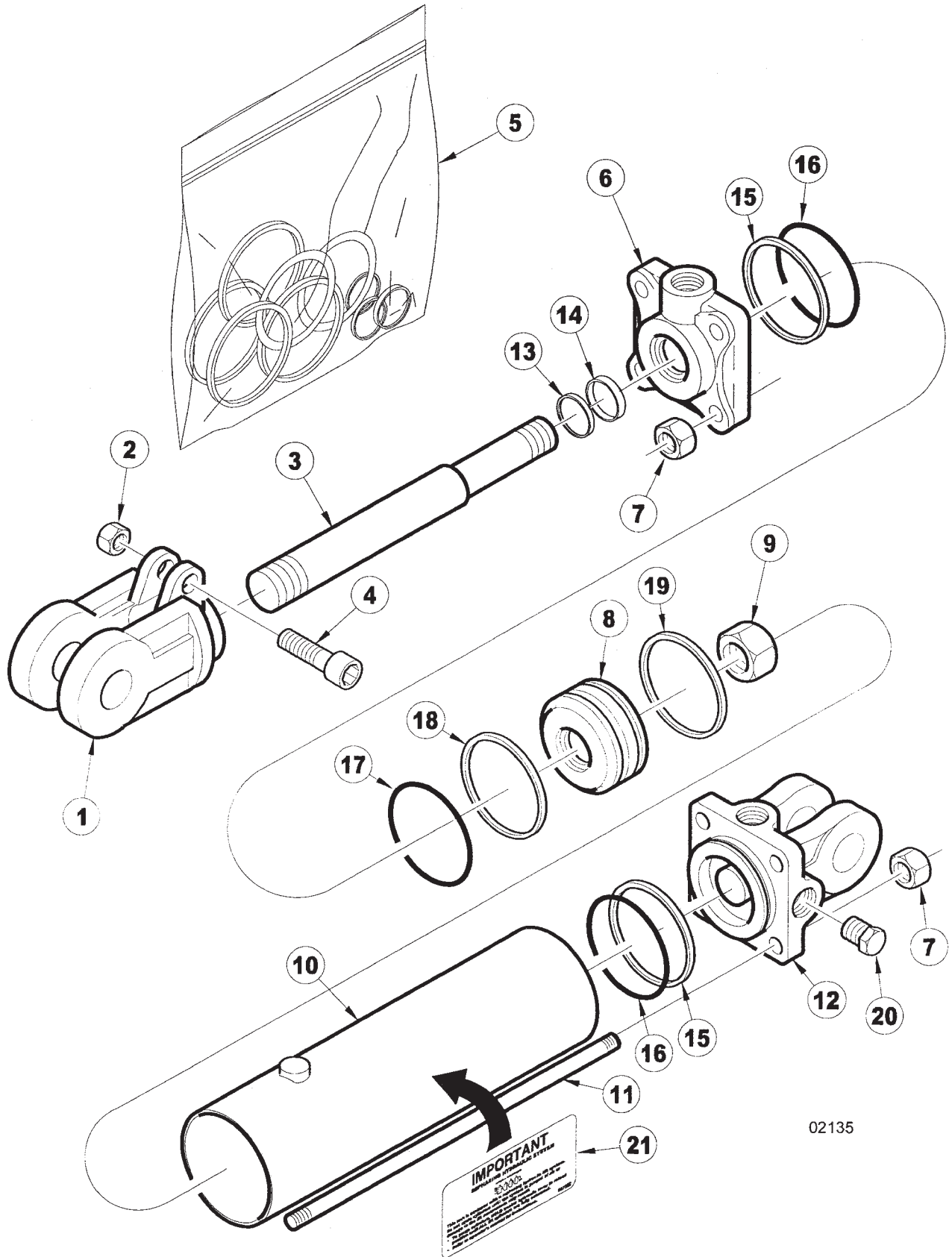
ITEM	NUMBER	QTY	DESCRIPTION
1	SN8610-1		CLEVIS, 1 1/4" THREADS, 1" PIN W/BUSHING, CROSS
2	SN8671-1		CAPSCREW NUT, 5/16" THREADS CROSS
3	SN8898-1		ROD, 1 3/8" DIA, 8" REPHASING, CROSS
4	SN8631-1		CAPSCREW, CROSS
5	SN8779-1		SEAL KIT, 4", 1 3/4" ROD,
6	SN8736-10		HEAD, 3 3/4", 1 3/8" ROD
7	SN8864-1		TIE ROD NUT, 5/8" THREADS
8	SN8717-1		PISTON, 3 3/4" W/1" HOLE
9	SN8683-1		PISTON NUT, 1" CROSS
10	SN8827-1		TUBE, 3 3/4" X 8" REPHASING CROSS E
11	SN8851-1		TIE ROD BOLT, 8" CROSS
12	SN8698-10		BASE, 3 3/4" (ORB)1" PIN REPHASING CROSS
13			* WIPER
14			* U-CUP
15			* BACKUP
16			* O-RING
17			* O-RING
18			* TEFLON RING
19			* WEAR RING
20	SN4458		PLUG, 3/4"-16 MOR
21	SN997052		SYSTEMS MUST BE BLED OF AIR

* ITEMS ARE AVAILABLE IN THE SEAL KIT ONLY

WHEN ORDERING HYDRAULIC CYLINDER COMPONENTS, BE SURE TO NOTE THE PART NUMBER AND THE CYLINDER PSI. (LOCATED ON THE CYLINDER DECAL) AS THEY CONTAIN DIFFERENT COMPONENTS. OLDER CYLINDERS WERE 2500 PSI. AND THE NEWER CYLINDERS ARE 3000 PSI IDENTIFYING THE PART NUMBER OF THE CYLINDER IS EXTREMELY IMPORTANT WHEN ORDERING PARTS TO ENSURE PROPER OPERATION OF THE HYDRAULIC CYLINDER.

I0002135
PR: t05g29115b0016

3 3/4" X 8" SLAVE CYLINDER 12059R
(VERSION 2, 6/27/03 & LATER)



**4212 PARTS MANUAL
SERVICE PARTS**

39

**3 3/4" X 8" SLAVE CYLINDER 12059R
(VERSION 2, 6/27/03 & LATER)**

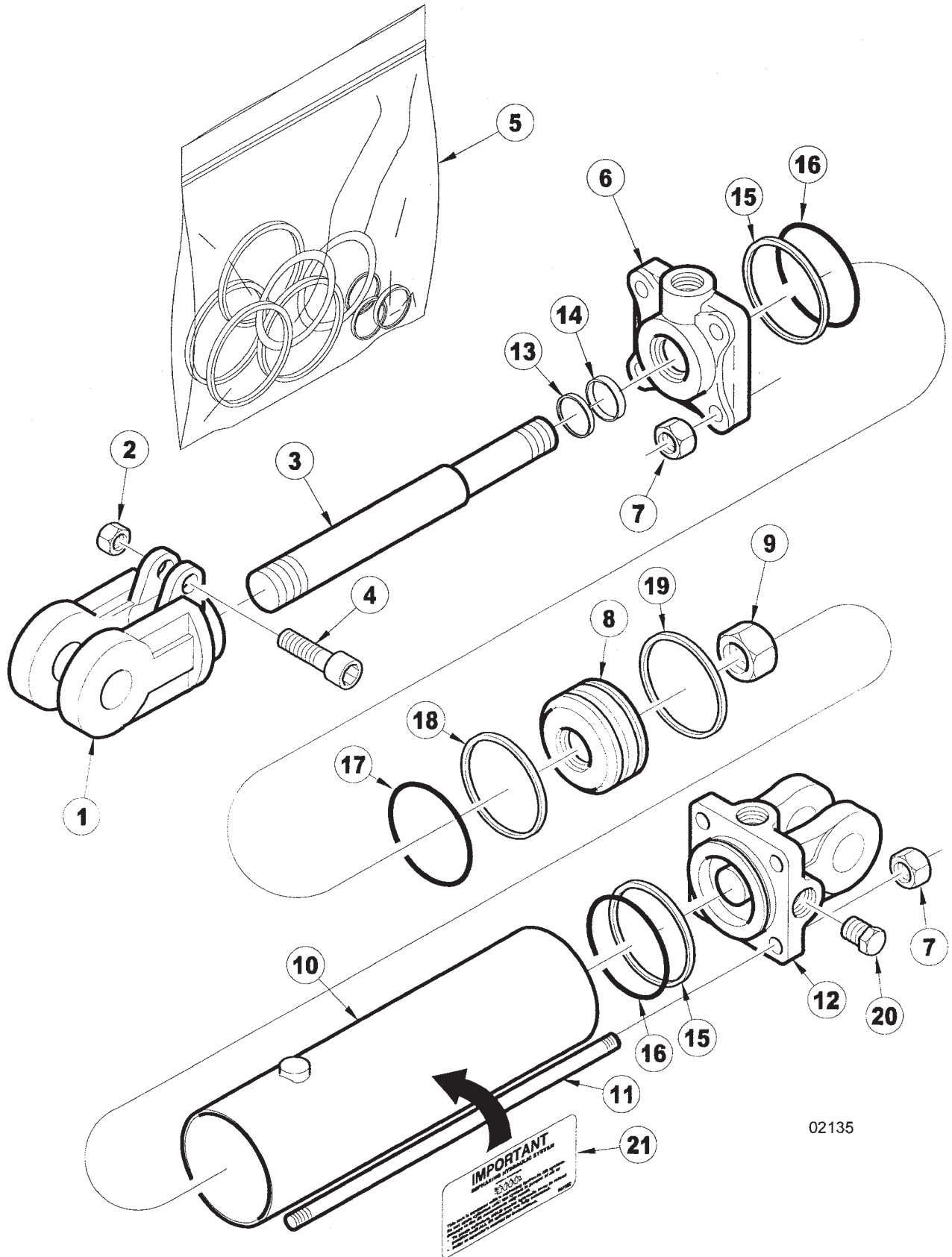
ITEM	NUMBER	QTY	DESCRIPTION
1	SN8610-1		CLEVIS, 1 1/4" THREADS, 1" PIN W/BUSHING , CROSS
2	SN8671-1		CAPSCREW NUT, 5/16" THREADS CROSS
3	SN12055		ROD, 1 3/8" DIA, 8" REPHASING, CROSS
4	SN8631-1		CAPSCREW, CROSS
5	SN8776-1		SEAL KIT, 3 3/4", 1 3/8" ROD, REPHASING CROSS
6	SN8736-10		HEAD, 3 3/4", 1 3/8" ROD
7	SN8864-1		TIE ROD NUT, 5/8" THREADS
8	SN8655-1		PISTON, 3 3/4" W/1" HOLE REPHASING, CROSS
9	SN8683-1		PISTON NUT, 1" CROSS
10	SN8827-1		TUBE, 3 3/4" X 8" REPHASING CROSS E
11	SN12033		TIE ROD BOLT, 8" CROSS
12	SN8656-10		BASE, 3 3/4" (ORB), 1" PIN REPHASING, CROSS
13			* WIPER
14			* U-CUP
15			* BACKUP
16			* O-RING
17			* O-RING
18			* TEFLON RING
19			* WEAR RING
20	SN4458		PLUG, 3/4"-16 MOR
21	SN997052		SYSTEMS MUST BE BLED OF AIR

* ITEMS ARE AVAILABLE IN THE SEAL KIT
ONLY

WHEN ORDERING HYDRAULIC CYLINDER
COMPONENTS, BE SURE TO NOTE THE PART
NUMBER AND THE CYLINDER PSI. (LOCATED
ON THE CYLINDER DECAL) AS THEY CONTAIN
DIFFERENT COMPONENTS. OLDER CYLINDERS
WERE 2500 PSI. AND THE NEWER CYLINDERS
ARE 3000 PSI IDENTIFYING THE PART NUMBER
OF THE CYLINDER IS EXTREMELY IMPORTANT
WHEN ORDERING PARTS TO ENSURE PROPER
OPERATION OF THE HYDRAULIC CYLINDER.

I0002135
PR: t05g29i15b0017

4" X 8" MASTER CYLINDER 4437
(VERSION 1, PRIOR TO 8/12/03)



**4212 PARTS MANUAL
SERVICE PARTS**

41

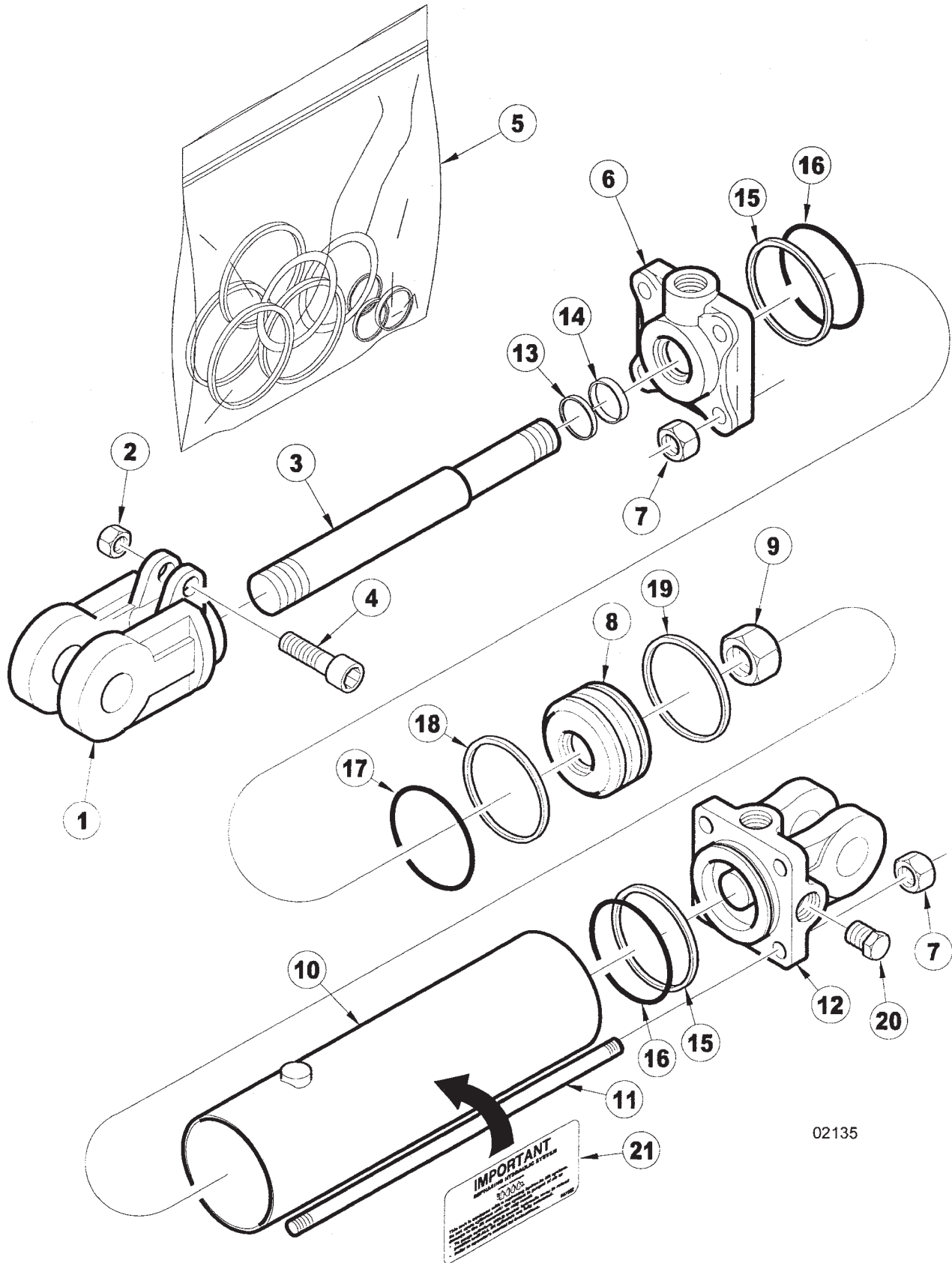
**4" X 8" MASTER CYLINDER 4437
(VERSION 1, PRIOR TO 8/12/03)**

ITEM	NUMBER	QTY	DESCRIPTION
1	SN8610-1		CLEVIS, 1 1/4" THREADS, 1" PIN W/BUSHING , CROSS
2	SN8671-1		CAPSCREW NUT, 5/16" THREADS CROSS
3	SN8898-1		ROD, 1 3/8" DIA, 8" REPHASING, CROSS
4	SN8631-1		CAPSCREW, CROSS
5	SN8781-1		SEAL KIT, 4", 1 3/8" ROD
6	SN8739-10		HEAD, 4" 1 3/8" ROD, REPHASING CROSS
7	SN8864-1		TIE ROD NUT, 5/8" THREADS
8	SN8718-1		PISTON, 4" W/1" HOLE REPHASING CROSS
9	SN8683-1		PISTON NUT, 1" CROSS
10	SN8830-1		TUBE, 4" X 8" REPHASING CROSS
11	SN8851-1		TIE ROD BOLT, 8" CROSS
12	SN8699-10		BASE, 4" REPHASING, CROSS
13			* WIPER
14			* U-CUP
15			* BACKUP
16			* O-RING
17			* O-RING
18			* TEFLON RING
19			* WEAR RING
20	SN4458		PLUG, 3/4"-16 MOR
21	SN997052		SYSTEMS MUST BE BLED OF AIR

* ITEMS ARE AVAILABLE IN THE SEAL KIT WHEN ORDERING HYDRAULIC CYLINDER COMPONENTS, BE SURE TO NOTE THE PART NUMBER AND THE CYLINDER PSI. (LOCATED ON THE CYLINDER DECAL) AS THEY CONTAIN DIFFERENT COMPONENTS. OLDER CYLINDERS WERE 2500 PSI. AND THE NEWER CYLINDERS ARE 3000 PSI IDENTIFYING THE PART NUMBER OF THE CYLINDER IS EXTREMELY IMPORTANT WHEN ORDERING PARTS TO ENSURE PROPER OPERATION OF THE HYDRAULIC CYLINDER.

I0002135
PR: t05g29115b0018

4" X 8" MASTER CYLINDER 12047R
(VERSION 2, 8/12/03 & LATER)



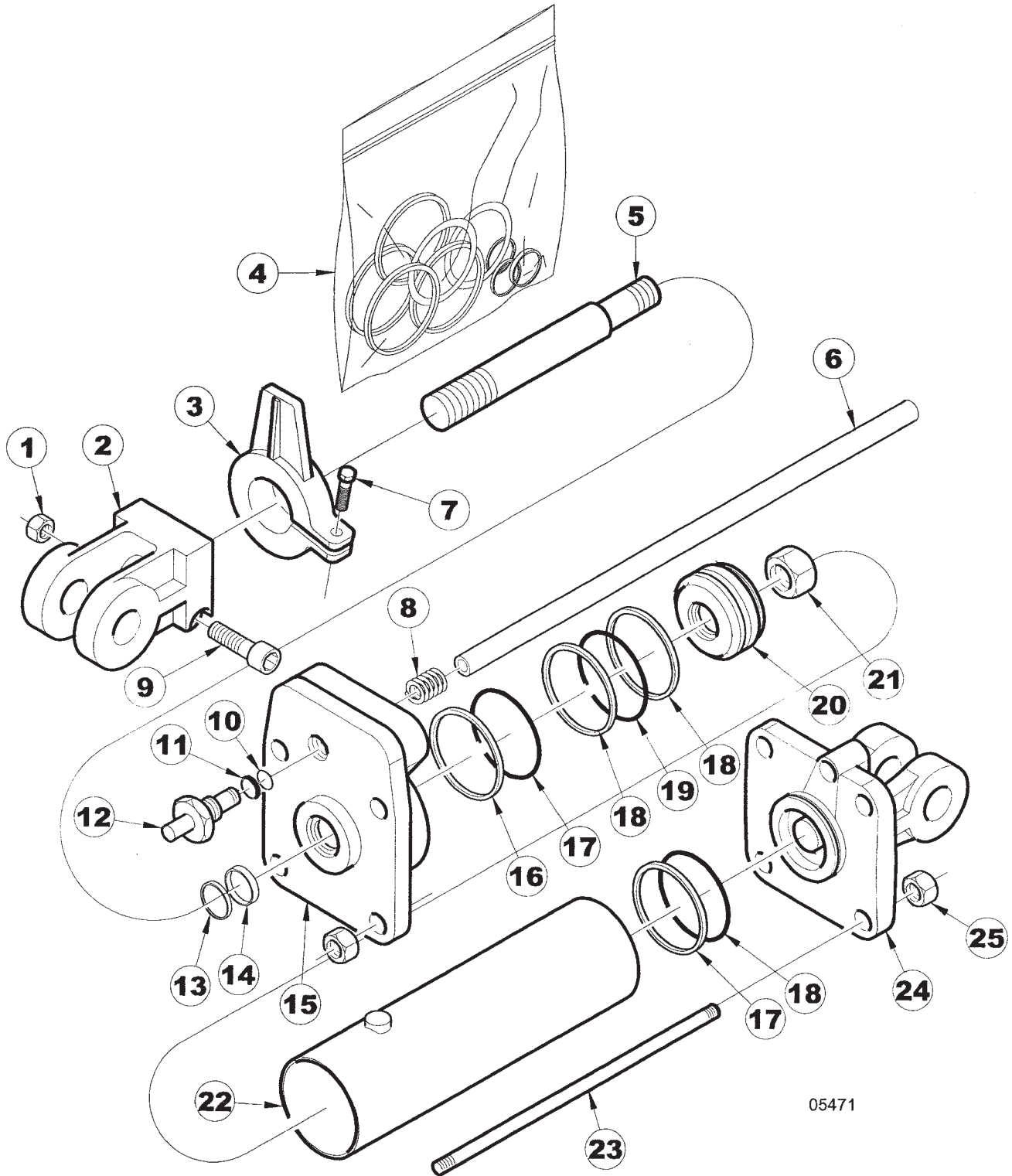
4" X 8" MASTER CYLINDER 12047R
(VERSION 2, 8/12/03 & LATER)

ITEM	NUMBER	QTY	DESCRIPTION
1	SN8610-1		CLEVIS, 1 1/4" THREADS, 1" PIN W/BUSHING CROSS
2	SN8671-1		CAPSCREW NUT, 5/16" THREADS CROSS
3	SN12055		ROD, 1 3/8" DIA, 8" REPHASING, CROSS
4	SN8631-1		CAPSCREW, CROSS
5	SN8781-1		SEAL KIT, 4", 1 3/8" ROD
6	SN8739-10		HEAD, 4" X 1 3/8" ROD, REPHASING CROSS
7	SN8864-1		TIE ROD NUT, 5/8" THREADS
8	SN8653-1		PISTON, 4" W/1" HOLE, REPHASING CROSS
9	SN8683-1		PISTON NUT, 1" CROSS
10	SN8830-1		TUBE, 4" X 8" REPHASING CROSS
11	SN12033		TIE ROD BOLT, 8" CROSS
12	SN8670-10		BASE, 4" (ORB) CROSS
13			* WIPER
14			* U-CUP
15			* BACKUP
16			* O-RING
17			* O-RING
18			* TEFLON RING
19			* WEAR RING
20	SN4458		PLUG, 3/4"-16 MOR
21	SN997052		SYSTEMS MUST BE BLED OF AIR

* ITEMS ARE AVAILABLE IN THE SEAL KIT ONLY.
WHEN ORDERING HYDRAULIC CYLINDER COMPONENTS, BE SURE TO NOTE THE PART NUMBER AND THE CYLINDER PSI. (LOCATED ON THE CYLINDER DECAL) AS THEY CONTAIN DIFFERENT COMPONENTS. OLDER CYLINDERS WERE 2500 PSI. AND THE NEWER CYLINDERS ARE 3000 PSI IDENTIFYING THE PART NUMBER OF THE CYLINDER IS EXTREMELY IMPORTANT WHEN ORDERING PARTS TO ENSURE PROPER OPERATION OF THE HYDRAULIC CYLINDER.

I0002135
PR: t05g29i15b0019

4" X 16" LIFT CYLINDER 4441R
(VERSION 1, PRIOR TO 9/16/03)



05471

**4212 PARTS MANUAL
SERVICE PARTS**

45

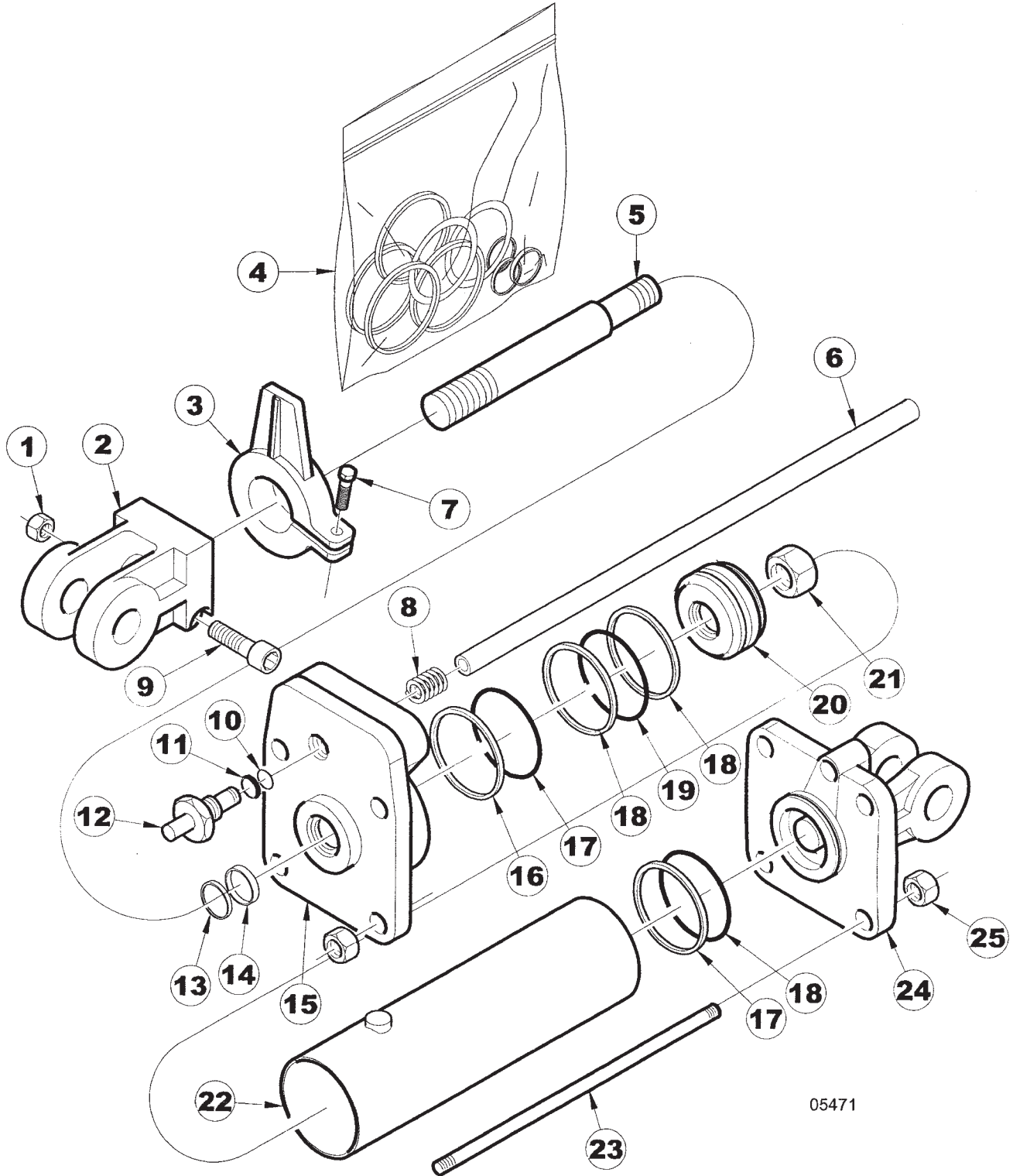
**4" X 16" LIFT CYLINDER 4441R
(VERSION 1, PRIOR TO 9/16/03)**

ITEM	NUMBER	QTY	DESCRIPTION
1	SN8671-1		CAPSCREW NUT, 5/16" THREADS CROSS
2	SN8619-1		CLEVIS, 1 1/4" THREADS, 1" PIN CROSS
3	SN8643-1		ACTUATOR STOP, 1 3/4" SHAFT
4	SN8779-1		SEAL KIT, 4", 1 3/4" ROD,
5	SN8915-1		ROD, 1 3/4" DIA, 16" CROSS
6	SN8634-1		FEED TUBE, 4" X 16" REPHASING CROSS
7	SNCS516114		HEX BOLT, 5/16"-18 X 1 1/4" GR 5,Y/D
8	SN8635-1		SPRING, 4" X 16" REPHASING CROSS
9	SN8631-1		CAPSCREW, CROSS
10			* O-RING
11			* BACKUP
12	SN8636-1		CARTRIDGE ASSY, CROSS
13			* WIPER
14			* U-CUP
15	SN8746-10		HEAD, 4", 1 3/4" ROD, CROSS (ORB)
16			* BACKUP
17			* O-RING
18			* BACKUP
19			* O-RING
20	SN8713-1		PISTON, 4" W/1" HOLE CROSS
21	SN8683-1		PISTON NUT, 1" CROSS
22	SN8833-1		TUBE, 4" X 16" CROSS
23	SN8843-1		TIE ROD BOLT, 4" X 16" CROSS
24	SN8693-10		BASE, 4" (ORB), 1 1/4" PIN
25	SN8864-1		TIE ROD NUT, 5/8" THREADS

* ITEMS ARE AVAILABLE IN THE SEAL KIT ONLY
WHEN ORDERING HYDRAULIC CYLINDER COMPONENTS, BE SURE TO NOTE THE PART NUMBER AND THE CYLINDER PSI. (LOCATED ON THE CYLINDER DECAL) AS THEY CONTAIN DIFFERENT COMPONENTS. OLDER CYLINDERS WERE 2500 PSI. AND THE NEWER CYLINDERS ARE 3000 PSI IDENTIFYING THE PART NUMBER OF THE CYLINDER IS EXTREMELY IMPORTANT WHEN ORDERING PARTS TO ENSURE PROPER OPERATION OF THE HYDRAULIC CYLINDER.

I0005471
PR: t05g29115b0020

4" X 16" LIFT CYLINDER 12048R
(VERSION 2, 9/16/03 & LATER)



05471

**4212 PARTS MANUAL
SERVICE PARTS**

47

**4" X 16" LIFT CYLINDER 12048R
(VERSION 2, 9/16/03 & LATER)**

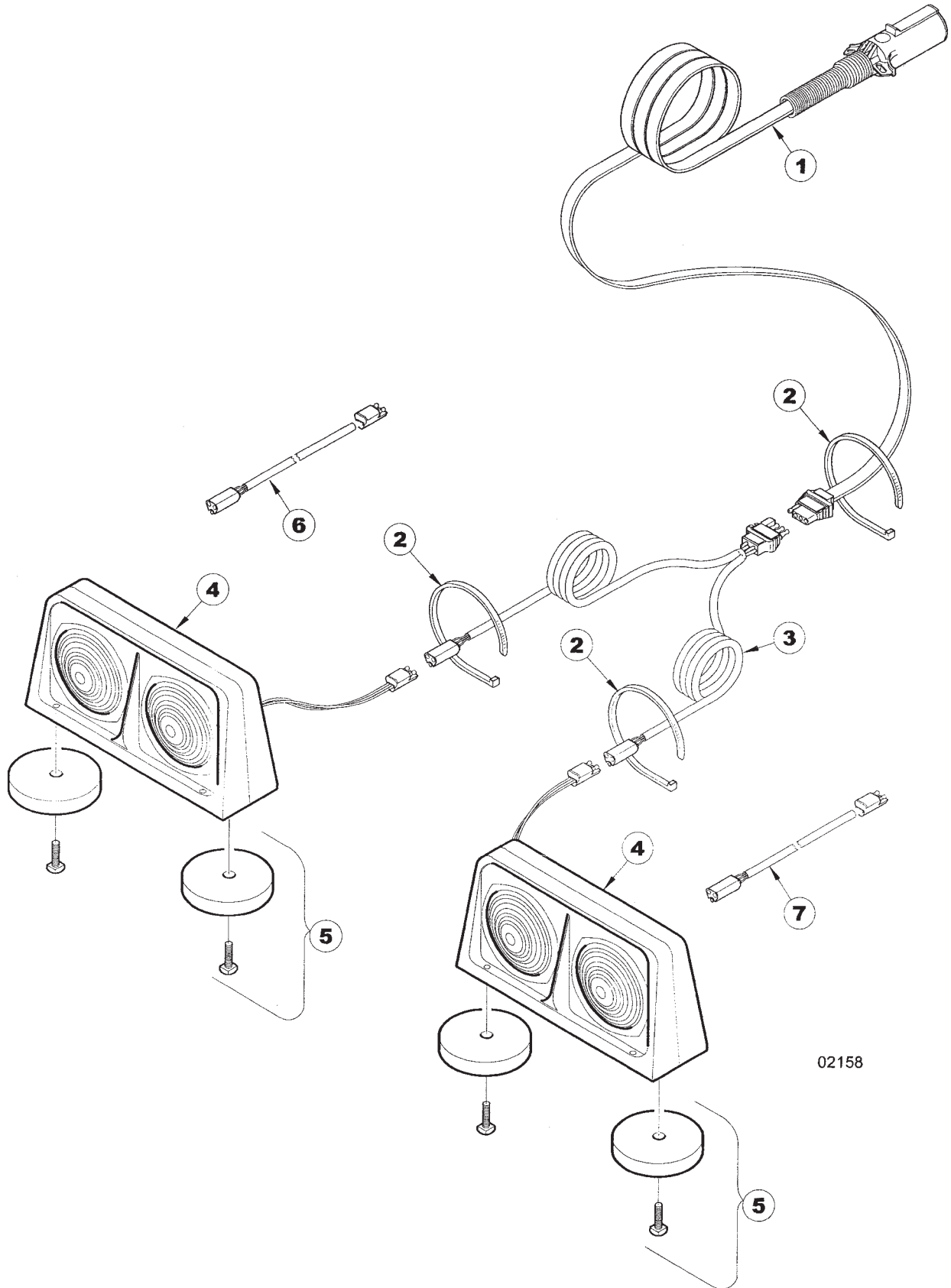
ITEM	NUMBER	QTY	DESCRIPTION
1	SN8671-1		CAPSCREW NUT, 5/16" THREADS CROSS
2	SN8619-1		CLEVIS, 1 1/4" THREADS, 1" PIN CROSS
3	SN8643-1		ACTUATOR STOP, 1 3/4" SHAFT
4	SN12052		SEAL KIT, 4", 1 3/4" ROD, CROSS
5	SN8915-1		ROD, 1 3/4" DIA, 16" CROSS
6	SN8634-1		FEED TUBE, 4" X 16" REPHASING CROSS
7	SNCS516114		HEX BOLT, 5/16"-18 X 1 1/4" GR 5, Y/D
8	SN8635-1		SPRING, 4" X 16" REPHASING CROSS
9	SN8631-1		CAPSCREW, CROSS
10			* O-RING
11			* BACKUP
12	SN8636-1		CARTRIDGE ASSY, CROSS
13			* WIPER
14			* U-CUP
15	SN8746-10		HEAD, 4", 1 3/4" ROD, CROSS (ORB)
16			* BACKUP
17			* O-RING
18			* BACKUP
19			* O-RING
20	SN12054		PISTON, 4" W/1" HOLE CROSS
21	SN8683-1		PISTON NUT, 1" CROSS
22	SN8833-1		TUBE, 4" X 16" CROSS
23	SN12053		TIE ROD BOLT, 4" X 16" CROSS
24	SN8693-10		BASE, 4" (ORB), 1 1/4" PIN
25	SN8864-1		TIE ROD NUT, 5/8" THREADS

* ITEMS ARE AVAILABLE IN THE SEAL KIT ONLY

WHEN ORDERING HYDRAULIC CYLINDER COMPONENTS, BE SURE TO NOTE THE PART NUMBER AND THE CYLINDER PSI. (LOCATED ON THE CYLINDER DECAL) AS THEY CONTAIN DIFFERENT COMPONENTS. OLDER CYLINDERS WERE 2500 PSI. AND THE NEWER CYLINDERS ARE 3000 PSI IDENTIFYING THE PART NUMBER OF THE CYLINDER IS EXTREMELY IMPORTANT WHEN ORDERING PARTS TO ENSURE PROPER OPERATION OF THE HYDRAULIC CYLINDER.

I0005471
PR: t05g29115b0021

LIGHT KIT ASSEMBLY

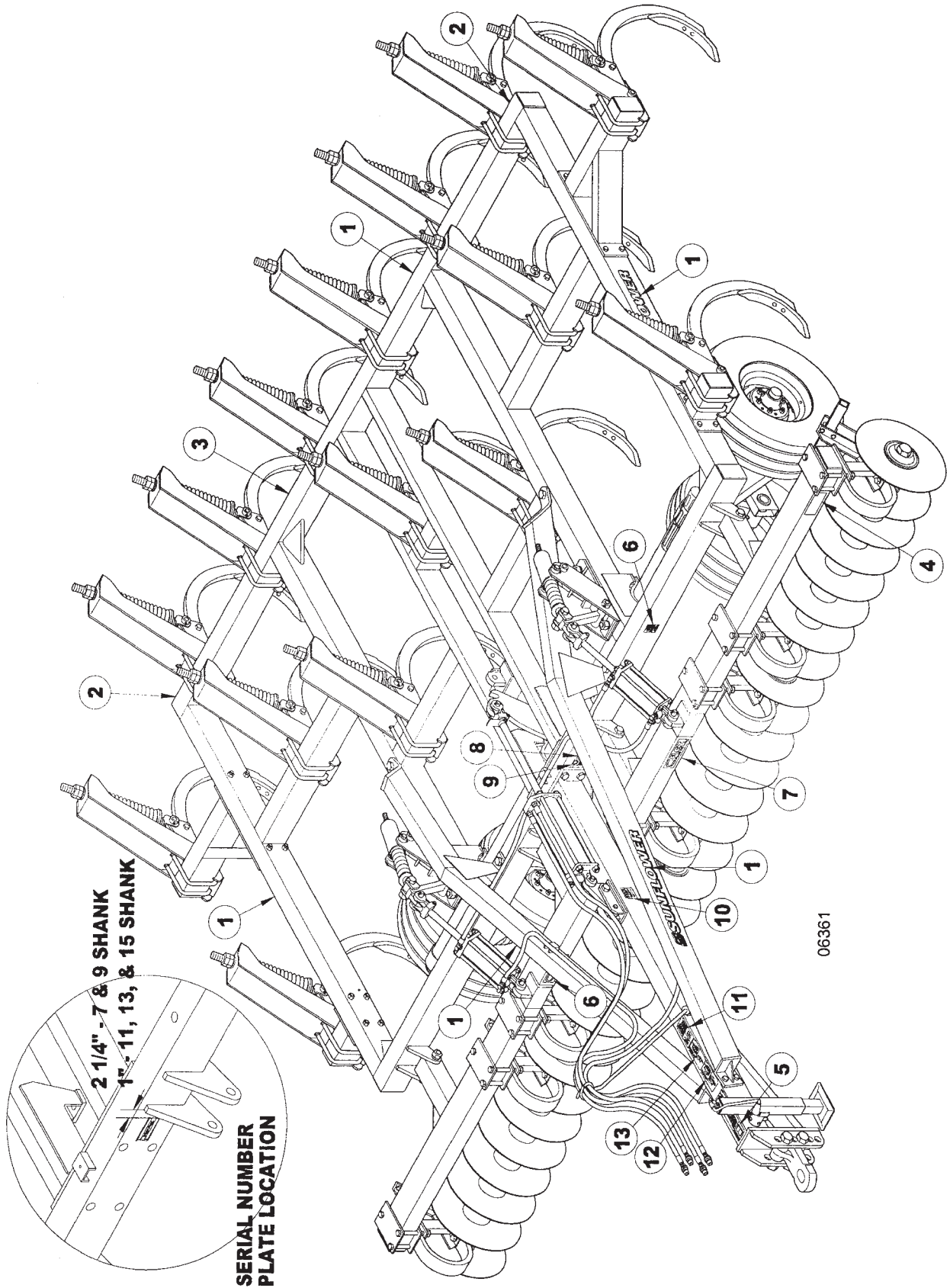


02158

ITEM	NUMBER	QTY	DESCRIPTION
1	SN5846		HARNESS, 25' STR SEC, SHIELDED FESTOON CABLE W/CONNECTORS
2	SN2587		PLASTIC HOSE STRAP, 21 1/2" L
3	SN5847		HARNESS, 15' WISHBONE W/FLAT & TRIANGULAR CONNECTORS
4	SN5845		DUAL LAMP, AMBER FRT/RR & RED RR, LT
	SN5844		DUAL LAMP, AMBER FRT/RR & RED RR, RT
5	SN5857		MAGNET KIT
6	SN5849		HARNESS, 5' EXTENSION W/TRIAN-GULAR CONNECTORS, LEFT
7	SN5848		HARNESS, 5' EXTENSION W/TRIAN-GULAR CONNECTORS, RIGHT
	SN5838		LIGHT KIT W/HARDWARE (ITEMS 1-5)

I0002158
PR: t05g29I15b0022

DECAL & SAFETY SIGN PLACEMENT

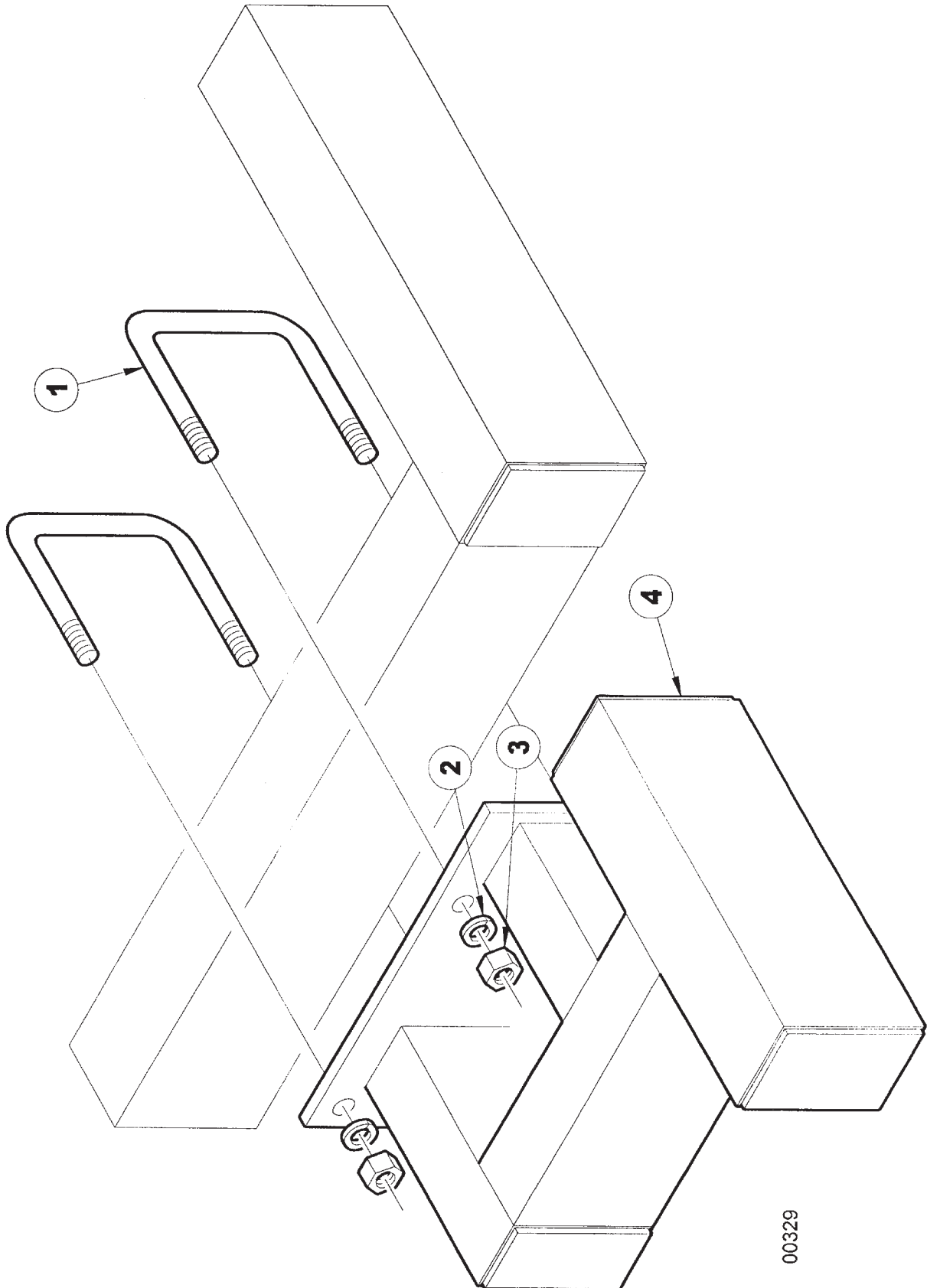


DECAL & SAFETY SIGN PLACEMENT

ITEM	NUMBER	QTY	DESCRIPTION
1	SN997002		SUNFLOWER DECAL
2	SN997040		RED REFLECTIVE TAPE
3	SN997239		4212 DECAL
4	SN997041		YELLOW REFLECTIVE TAPE
5	SN997792		DECAL-WARNING, READ OPERATOR'S MANUAL
6	SN997263		DECAL, TILLAGE PROMOTES A SAFER ENVIRONMENT FOR TOMORROW
7	SN997060		C-FLEX
8			SERIAL NUMBER PLATE
9	SN997246		FEMA DECAL
10	SN997078		TRANSPORT LOCK INSTALLATION
11	SN997311		HIGH PRESSURE FLUID HAZARD
12	SN997048		FASTEN SAFETY CHAIN
13	SN997074		UNHITCHING HAZARD

I0006361
PR: t05g29115b0023

MOUNTING BRACKET EXTENSION



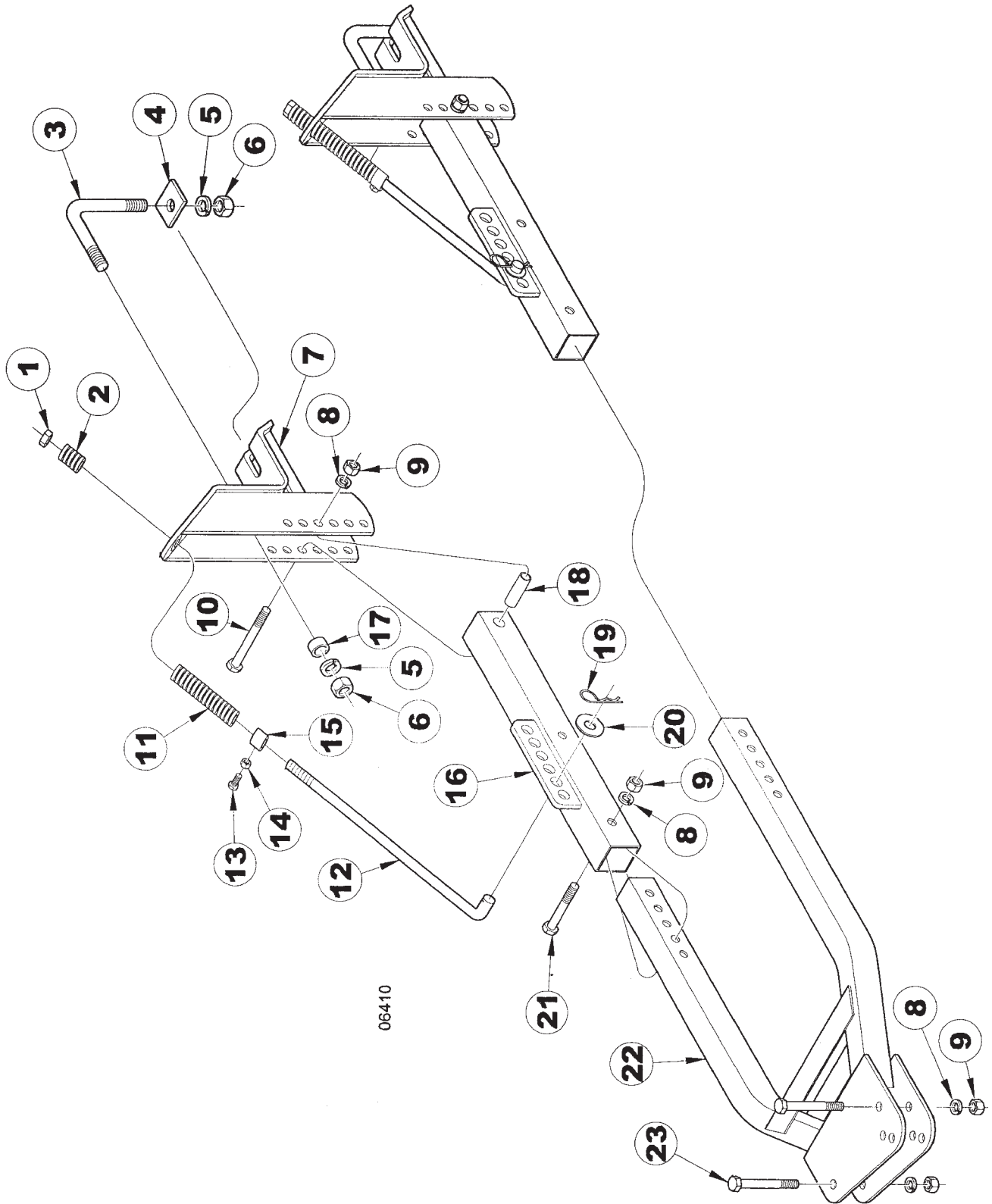
00329

MOUNTING BRACKET EXTENSION

ITEM	NUMBER	QTY	DESCRIPTION
1	SN3763		U-BOLT, 3/4"-10 X 5 3/4" X 6 3/4" W, GR 5, Y/D
2	SN1040		LOCK WASHER, 3/4" SPLIT TYPE MED, Y/D
3	SN106		HEX NUT, 3/4"-10 FULL, GR 5, Y/D
4	SN5557		EXTENSION, MOUNTING BRACKET, RED

I0000329
PR: t05g29i15b0024

REGULAR MOUNTING BRACKET



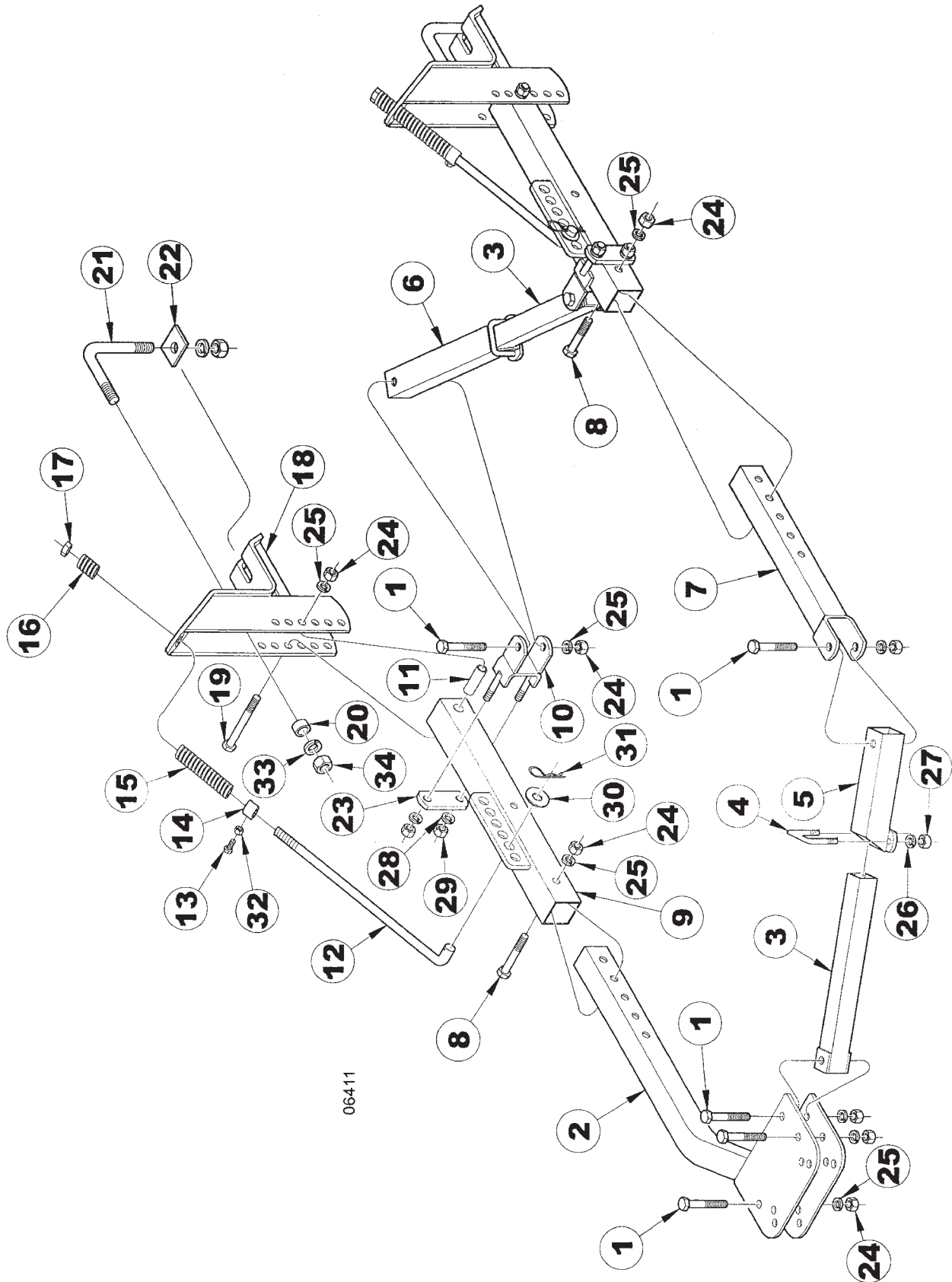
06410

REGULAR MOUNTING BRACKET

ITEM	NUMBER	QTY	DESCRIPTION
1	SN3938		LOCK NUT, 1"-8 HEX NYLON
2	SNFK361002		SPRING, 1.8125" OD X 1.062"ID, 2 5/8" L
3	SNFK150264		L-BOLT, 1" X 7" X 8", Y/D
4	SNFK501229		MOUNTING WEDGE
5	SN1283		LOCK WASHER, 1" SPLIT TYPE MED, Y/D
6	SN110		HEX NUT, 1"-8 FULL, GR 5, Y/D
7	SN6999		MOUNTING BRACKET
8	SN1040		LOCK WASHER, 3/4" SPLIT TYPE MED, Y/D
9	SN106		HEX NUT, 3/4"-10 FULL, GR 5, Y/D
10	SN821		HEX BOLT, 3/4"-10 X 5", GR 5 Y/D
11	SNFK361003		ADJUSTING ROD SPRING-LOWER
12	SN7000		ROD, HARROW ADJUSTMENT, Y/D
13	SN2078		SET SCREW, 1/2" X 1" SQUARE HEAD, Y/D
14	SN159		JAM NUT, 1/2"-13, GR 2, Y/D
15	SNFK351023		LOCK COLLAR, ADJUSTING ROD, Y/D
16	SN4789		FRAME PIVOT TUBE
17	SN4885		SPACER BUSHING
18	SNFK501168		BUSHING
19	SN71L-2901		PIN CLIP, 3/4"-7/8" SHAFT, .148" DIA, 3 1/8" L
20	SNFK150173		FLAT WASHER, 1" SAE, Y/D
21	SN1599		HEX BOLT, 3/4"-10 X 4", GR 5, Y/D
22	SN4795		MAIN HARROW FRAME
23	SN1675		HEX BOLT, 3/4"-10 X 4 1/2", GR 5, Y/D

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 PR: t05g29115b0025

ADJUSTABLE MOUNTING BRACKET



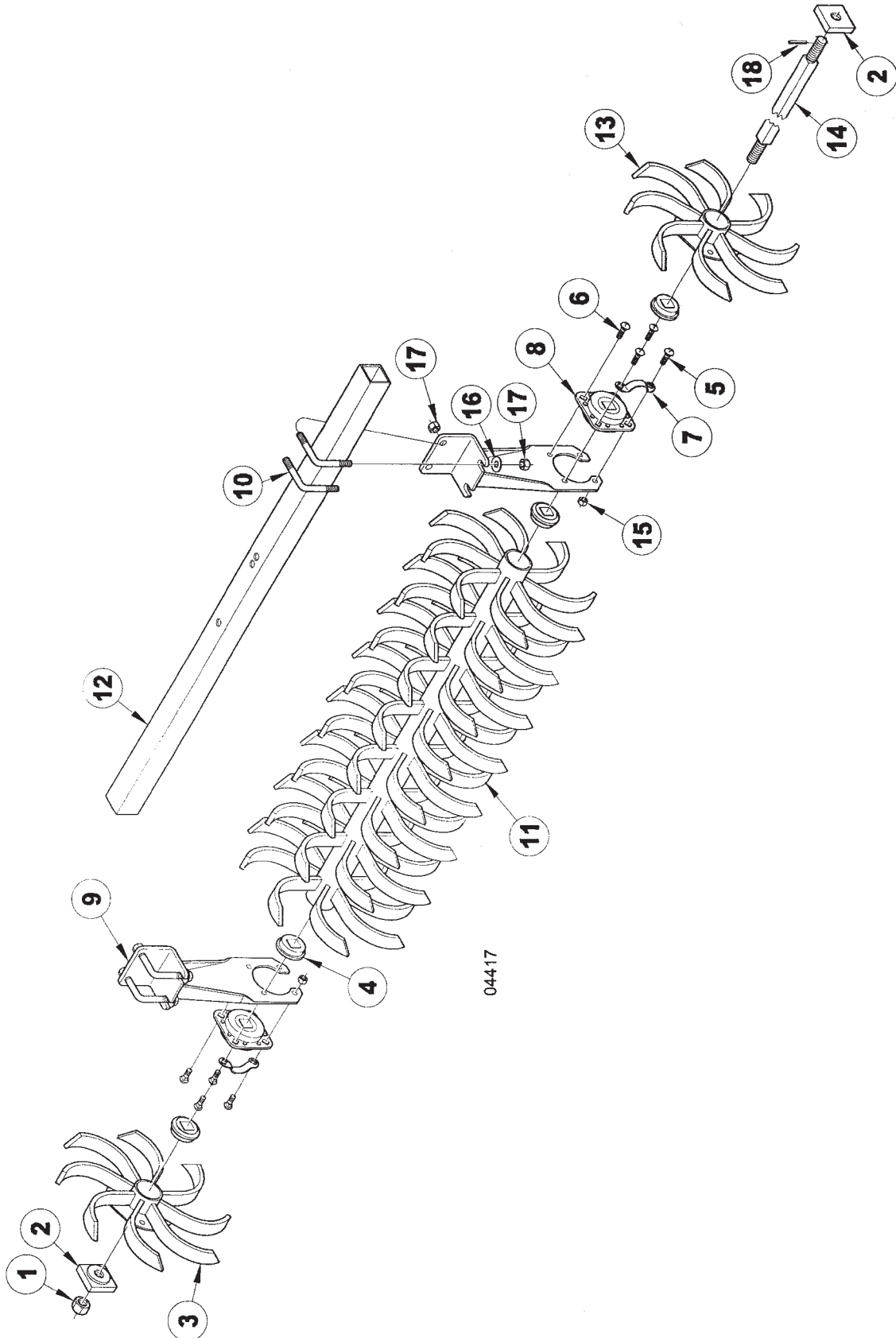
06411

ADJUSTABLE MOUNTING BRACKET

ITEM	NUMBER	QTY	DESCRIPTION
1	SN1675		HEX BOLT, 3/4"-10 X 4 1/2", GR 5, Y/D
2	SN4789		FRAME PIVOT TUBE
3	SN4790		ADJUSTABLE PIVOT TUBE
4	SNFK151053		U-BOLT, 1/2"-13 X 3 1/4" X 3 1/16" W, GR 5, Y/D
5	SN4792		ADJUSTABLE SLEEVE TUBE-RED
6	SN4791		SLEEVE TUBE-RED
7	SN4788		ADJUSTABLE FRAME TUBE-RED
8	SN1599		HEX BOLT, 3/4"-10 X 4", GR 5, Y/D
9	SN4789		FRAME PIVOT TUBE
10	SN4793		BRACE BRACKET-RED
11	SNFK501168		BUSHING
12	SN7000		ROD, HARROW ADJUSTMENT, Y/D
	SNFK501164		ROD, HARROW ADJ., Y/D
13	SN2078		SET SCREW, 1/2" X 1" SQUARE HEAD, Y/D
14	SNFK351023		LOCK COLLAR, ADJUSTING ROD, Y/D
15	SNFK361003		ADJUSTING ROD SPRING-LOWER
16	SNFK361002		SPRING, 1.8125" OD X 1.062" ID, 2 5/8" L
17	SN3938		LOCK NUT, 1"-8 HEX NYLON
18	SN6999		MOUNTING BRACKET
19	SN821		HEX BOLT, 3/4"-10 X 5", GR 5 Y/D
20	SN4885		SPACER BUSHING
21	SNFK150264		L-BOLT, 1" X 7" X 8", Y/D
22	SNFK501229		MOUNTING WEDGE
23	SN4794		CLAMP PLATE, 2 HOLE RED
24	SN106		HEX NUT, 3/4"-10 FULL, GR 5, Y/D
25	SN1040		LOCK WASHER, 3/4" SPLIT TYPE MED, Y/D
26	SN113		LOCK WASHER, 1/2" SPLIT TYPE MED, Y/D
27	SN114		HEX NUT, 1/2"-13 FULL, GR 2, Y/D
28	SN668		LOCK WASHER, 5/8" SPLIT TYPE MED, Y/D
29	SN669		HEX NUT, 5/8" FULL, GR 5, Y/D
30	SNFK150173		FLAT WASHER, 1" SAE, Y/D
31	SN71L-2901		PIN CLIP, 3/4"-7/8" SHAFT, .148" DIA, 3 1/8" L
32	SN159		JAM NUT, 1/2"-13, GR 2, Y/D
33	SN1283		LOCK WASHER, 1" SPLIT TYPE MED, Y/D
34	SN110		HEX NUT, 1"-8 FULL, GR 5, Y/D

I0006411
 PR: t05g29115b0026

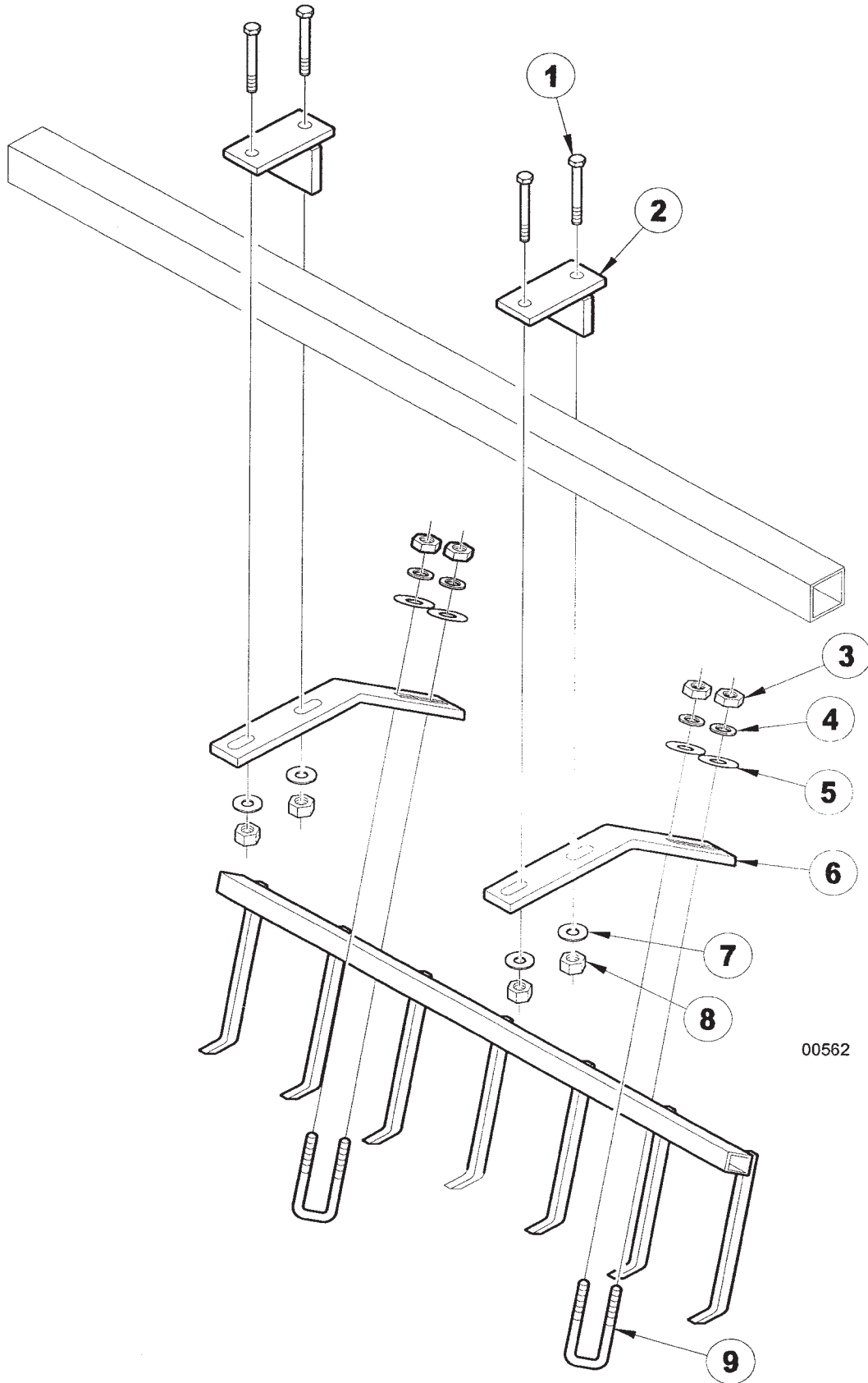
ROLLING TREADER GANG ASSEMBLY



ITEM	NUMBER	QTY	DESCRIPTION
1	SNHCL		LOCK NUT, 1"-8 UNC HEX CENTER, GR 2, Y/D
2	SN10F-1639		GANG NUT, F/AF & EARLY MT
3	SN4820		WHEEL, 8 TOOTH RIGHT, BLACK
	SN4821		WHEEL, 8 TOOTH LEFT, BLACK
4	SN4876		SPACER CASTING-BLACK
5	SN1187		CARRIAGE BOLT, 1/2"-13 X
6	SNFK150185		CARRIAGE BOLT, 1/2"-13 X 1", GR 5, Y/D
7	SNH10-003		GUARD, BEARING LUBRICATION FITTING, Y/D
8	SNYYB3471		BRG & FLANGE ASSY W/ZERK
9	SN4871		BEARING STANDARD
10	SNFK150257		L-BOLT, 5/8"-11 X 3 3/4" X 3 3/4", Y/D
11	SN4832		8 WHEEL GANG, 8 TOOTH RH,
	SN4831		8 WHEEL GANG, 8 TOOTH LH,
	SN4829		10 WHEEL GANG, 8 TOOTH RH, BLACK
	SN4830		10 WHEEL GANG, 8 TOOTH LH, BLACK
	SN4816		13 WHEEL GANG, 8-TOOTH RH, BLACK
	SN4815		13 WHEEL GANG, 8-TOOTH LH, BLACK
	SN5090		6 WHEEL GANG, 8 TOOTH RH
	SN5091		6 WHEEL GANG, 8 TOOTH LH
	SN4832		8 WHEEL GANG, 8 TOOTH RH,
	SN4831		8 WHEEL GANG, 8 TOOTH LH,
12	SN4874		HANGER BAR, 59" L.
	SN4880		HANGER BAR, 71" L.
	SN4879		HANGER BAR, 89" L.
	SN5092		HANGER BAR, 44"
	SN4874		HANGER BAR, 59" L.
13	SN5155		WHEEL, 8 TOOTH RIGHT LEVELING, BLACK
	SN5156		WHEEL, 8 TOOTH LEFT LEVELING, BLACK
14	SN9278		SHAFT, 59 3/8", 1 1/8" SQ
	SN9280		SHAFT, 71 3/8", 1 1/8" SQ
	SN9283		SHAFT, 89 3/8", 1 1/8" SQ
	SN9276		SHAFT, 47 3/8", 1 1/8" SQ
15	SN3735		LOCK NUT, 1/2"-13 UNC HEX
16	SNFK150283		FLAT WASHER, 5/8" SAE, Y/D
17	SN669-1		LOCK NUT, 5/8" HEX NYLON
18	SN3164		ROLL PIN, 5/16" X 2" SPIRAL MEDIUM DUTY, Y/D

I0004417
 PR: t05g29115b0027

STRIPPER ASSEMBLY



00562

4212 PARTS MANUAL
STRIPPER PARTS

61

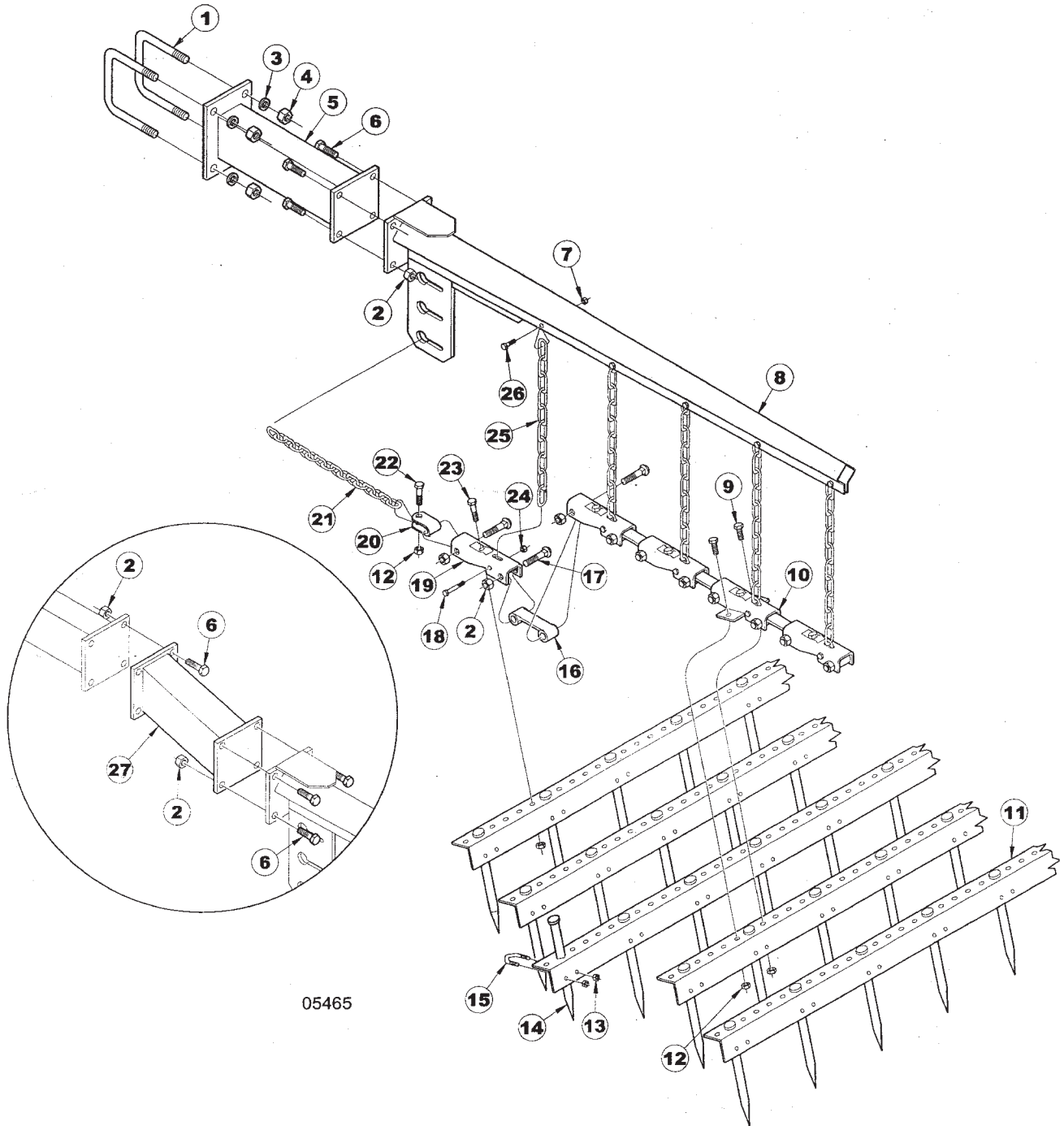
STRIPPER ASSEMBLY

ITEM	NUMBER	QTY	DESCRIPTION
1	SN2557		HEX BOLT, 5/8"-11 X 4 1/2", GR 5, Y/D
2	SN5668		CLAMP PLATE
3	SN114		HEX NUT, 1/2"-13 FULL, GR 2, Y/D
4	SN113		LOCK WASHER, 1/2" SPLIT TYPE MED, Y/D
5	SN486		FLAT WASHER, 1/2", Y/D
6	SN5669		MOUNT BAR, STRIPPER
7	SN2089		FLAT WASHER, 5/8", Y/D
8	SN669-1		LOCK NUT, 5/8" HEX NYLON
9	SNR0G-014		U-BOLT, 1/2"-13 X 3" X 2 5/32"W, GR 5, Y/D

I0000562
PR: t05g29115b0028

4212 PARTS MANUAL
5-ROW SPIKE DRAG PARTS SECTION

5-ROW SPIKE DRAG ASSEMBLY



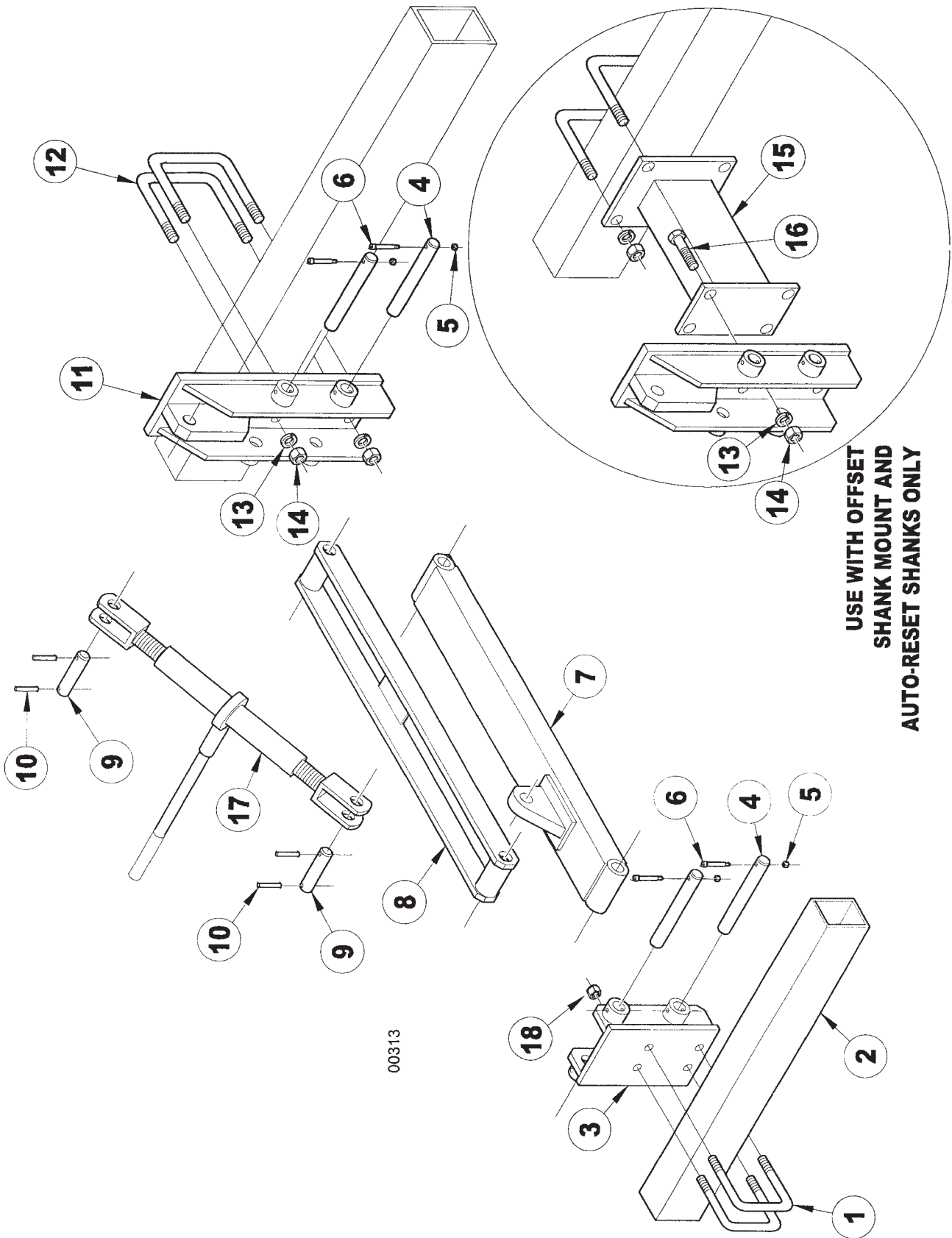
05465

5-ROW SPIKE DRAG ASSEMBLY

ITEM	NUMBER	QTY	DESCRIPTION
1	SN3763		U-BOLT, 3/4"-10 X 5 3/4" X 6 3/4" W, GR 5, Y/D
2	SN669-1		LOCK NUT, 5/8" HEX NYLON
3	SN1040		LOCK WASHER, 3/4" SPLIT TYPE MED, Y/D
4	SN106		HEX NUT, 3/4"-10 FULL, GR 5, Y/D
5	SN3764		HARROW ARM EXTENSION, 18"
6	SN670		HEX BOLT, 5/8"-11 X 2", GR 5, Y/D
7	SN3567		LOCK NUT, 3/8"-16 HEX NYLON INSERT, GR 2, Y/D
8	SN3975		SPIKE TOOTH ARM, 5 ROW
9	SN1823		HEX BOLT, 1/2"-13 X 1 1/4", GR 5, Y/D
10	SN3979		DOUBLE BAR BRACKET
11	SN3967		SPIKE TOOTH BAR, 5' (7 TOOTH)
	SN7016		SPIKE TOOTH BAR, 5 1/2' (8 TOOTH)
	SN3968		SPIKE TOOTH BAR, 6 1/2' (9 TOOTH)
	SN3969		SPIKE TOOTH BAR, 8' (11 TOOTH)
	SN3970		SPIKE TOOTH BAR, 9 1/2', (13 TOOTH)
	SN3972		SPIKE TOOTH BAR, 12 1/2' (17 TOOTH)
12	SN2096		LOCK NUT, 1/2"-13 HEX NYLON INSERT
13	SN3567		LOCK NUT, 3/8"-16 HEX NYLON INSERT, GR 2, Y/D
14	SN3895B		SPIKE TOOTH, 3/4" X 11"
15	SN3894		TRI-BEND BOLT, 3/8"-16 X 1 1/2", Y/D
16	SN3967		SPIKE TOOTH BAR, 5' (7 TOOTH)
17	SN3985		CARRIAGE BOLT, 5/8"-11 X 3" GR 5, Y/D SPECIAL
18	SN4738		HEX BOLT, 3/8"-16 X 2 3/4", GR 5, Y/D
19	SN3977		BAR BRACKET
20	SN7013		U-CLIP
21	SN3983		CHAIN, 5/16" PROOF, 25 LINKS
22	SN2045		HEX BOLT, 1/2"-13 X 1 3/4", GR5, Y/D
23	SN112		HEX BOLT, 1/2"-13 X 2 1/2", GR 5, Y/D
24	SN3567		LOCK NUT, 3/8"-16 HEX NYLON INSERT, GR 2, Y/D
25	SN3982		CHAIN, 7/0 SIDE 10 LINKS
26	SN3984		HEX BOLT, 3/8"-16 X 1 1/4", GR 5, Y/D
27	SN7687		HARROW ARM EXTENSION, 12" (INSTALL WHEN USING OFFSET SHANK MOUNTS AND AUTO-RESET SHANKS)
	SN7045		HARROW ARM EXTENSION W/BOLTS (ITEMS 2, 6, & 27)

I0005465
PR: t05g29115b0029

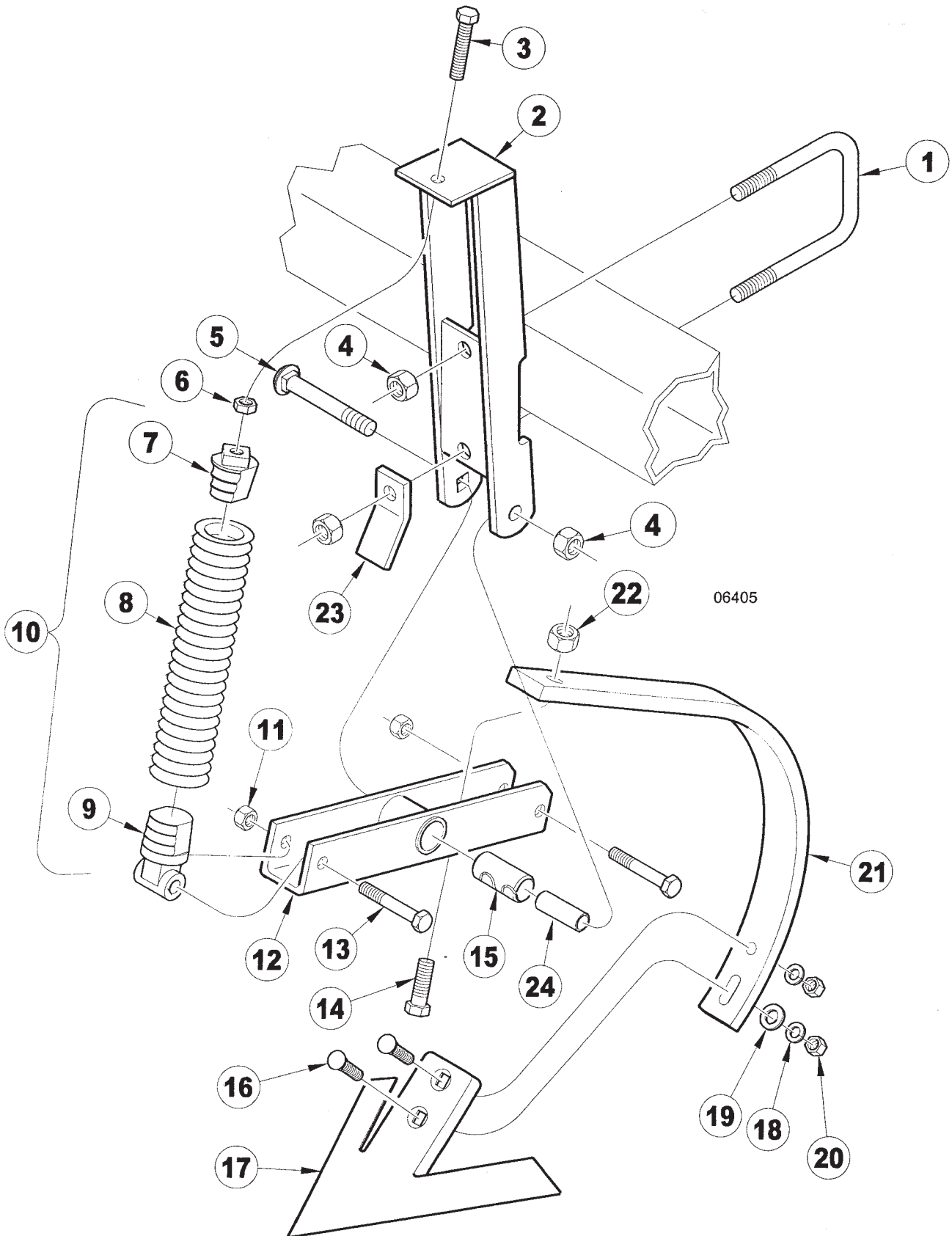
LEVELER ASSEMBLY



ITEM	NUMBER	QTY	DESCRIPTION
1	SN3306		U-BOLT, 5/8"-11 X 4 1/2" X 4 5/8" W, GR 5, Y/D
2	SN3772		TOOL BAR, 126"
	SN3773		TOOL BAR, 186"
	SN3771		TOOL BAR, 105"
3	SN3767		TOOL BAR MOUNTING PLATE
4	SN3163		PIN, 1" X 7 1/2" (6 27/32"), Y/D
5	SN3881		LOCK NUT, 1/4"-20 HEX NYLON INSERT, GR 2, Y/D
6	SN3880		SHOULDER BOLT, 5/16" X 1 3/4", GR 8 EQUIV
7	SN3768		BOTTOM LINK
8	SN3769		TOP LINK
9	SN5385		PIN, 1" X 3" (2 1/16"), Y/D
10	SN3164		ROLL PIN, 5/16" X 2" SPIRAL MEDIUM DUTY, Y/D
11	SN3766		FRAME MOUNTING PLATE
12	SN3763		U-BOLT, 3/4"-10 X 5 3/4" X 6 3/4" W, GR 5, Y/D
13	SN1040		LOCK WASHER, 3/4" SPLIT TYPE MED, Y/D
14	SN106		HEX NUT, 3/4"-10 FULL, GR 5, Y/D
15	SN7078		LEVELER ATTACHMENT EXTENSION, 13"
16	SN1122		HEX BOLT, 3/4"-10 X 2 1/2", GR 5, Y/D
17	SN2893		RATCHET JACK

I0000313
PR: t05g29115b0030

SPRING SHANK ASSEMBLY

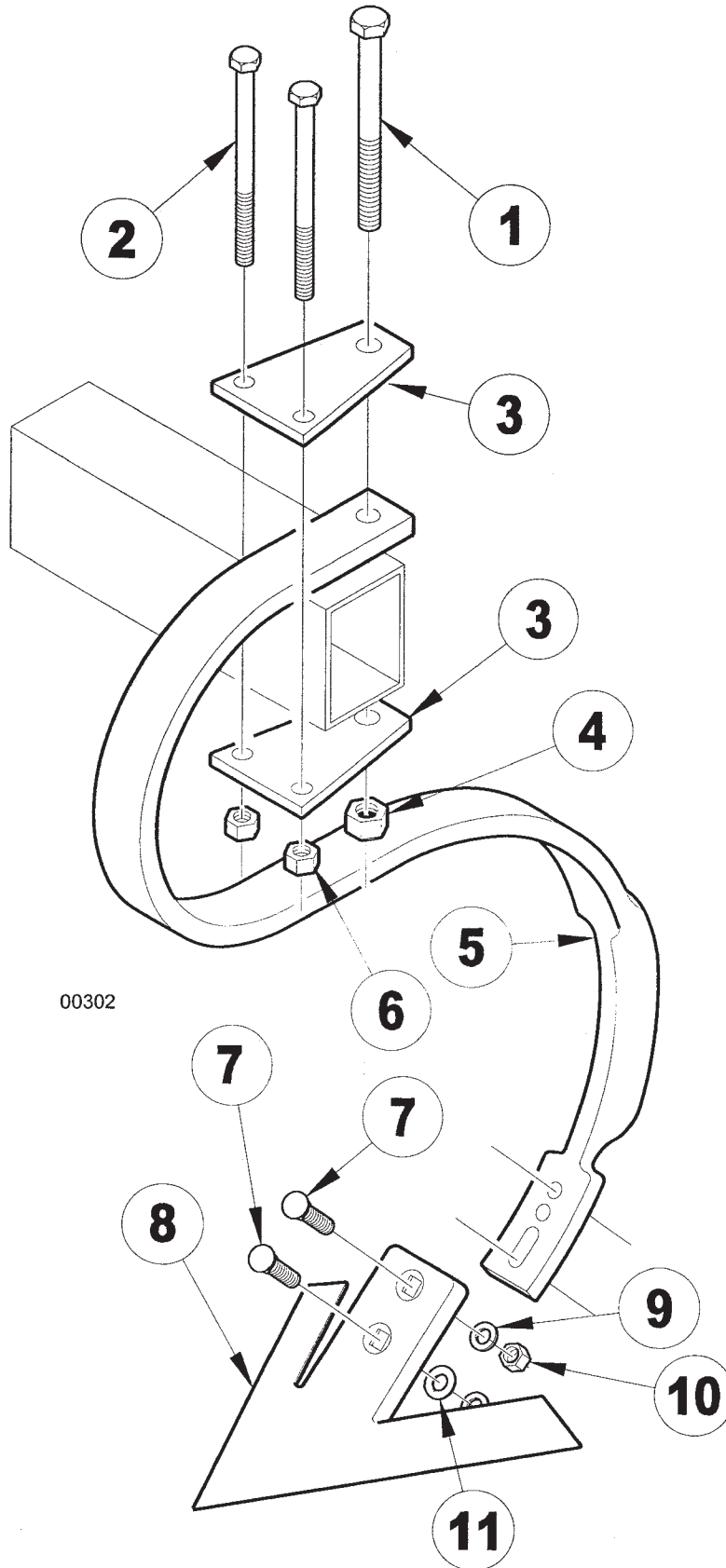


SPRING SHANK ASSEMBLY

ITEM	NUMBER	QTY	DESCRIPTION
1	SN3052		U-BOLT, 5/8"-11 X 5 5/8" X 4 3/4" W, GR 5, Y/D
2	SN3572		UPPER SHANK MOUNT
3	SN1299		HEX BOLT, 1/2"-13 X 2 1/2" ALLTHD, GR 5, Y/D
4	SN669-1		LOCK NUT, 5/8" HEX NYLON
5	SN3949		CARRIAGE BOLT, 5/8" X 4 1/4", Y/D, SPECIAL
6	SN159		JAM NUT, 1/2"-13, GR 2, Y/D
7	SN3041		THREADED SPRING PLUG, 5000
8	SN3043		SPRING, 5000
9	SN3042		SPRING BASE, 5000
10	SN3044		SPRING ASSEMBLY, 5000
11	SN2096		LOCK NUT, 1/2"-13 HEX NYLON INSERT
12	SN5710		SHANK HOLDER
13	SN156		HEX BOLT, 1/2"-13 X 3", GR 5 Y/D
14	SN3790		HEX BOLT, 9/16"-12 X 1 3/4", GR 8, PL
15	SN6642		BUSHING, 1 1/8" OD X.887" ID 2 3/8" L (HARD) SPRING
16	SN3050		PLOW BOLT, 7/16"-14 X 1 1/2", GR 5, Y/D
17	SN3055		SWEEP, 4" PLAIN CULTIVATOR (47 DEG)
18	SN302		LOCKWASHER, 7/16" SPLIT TYPE MED, Y/D
19	SN305		FLAT WASHER, 7/16", Y/D
20	SN303		HEX NUT, 7/16"-14 FULL, GR 2, Y/D
21	SN12257		SHANK, 5/8" X 1 3/4" X 24", FLAT (CURRENT SHANK)
	SN3820		SHANK, 9/16" X 1 3/4" X 24", ON EDGE
22	SN3757		LOCK NUT, 9/16"-12 HEX NYLON INSERT, GR 8, PLATED
23	SN3874		UPPER SHANK MOUNT STOP
	SN3036		UPPER SHANK MOUNT STOP, 5000, Y/D
24	SN5711		BUSHING, CLAMP

I0006405
PR: t05g29115b0031

S-TINE SHANK ASSEMBLY



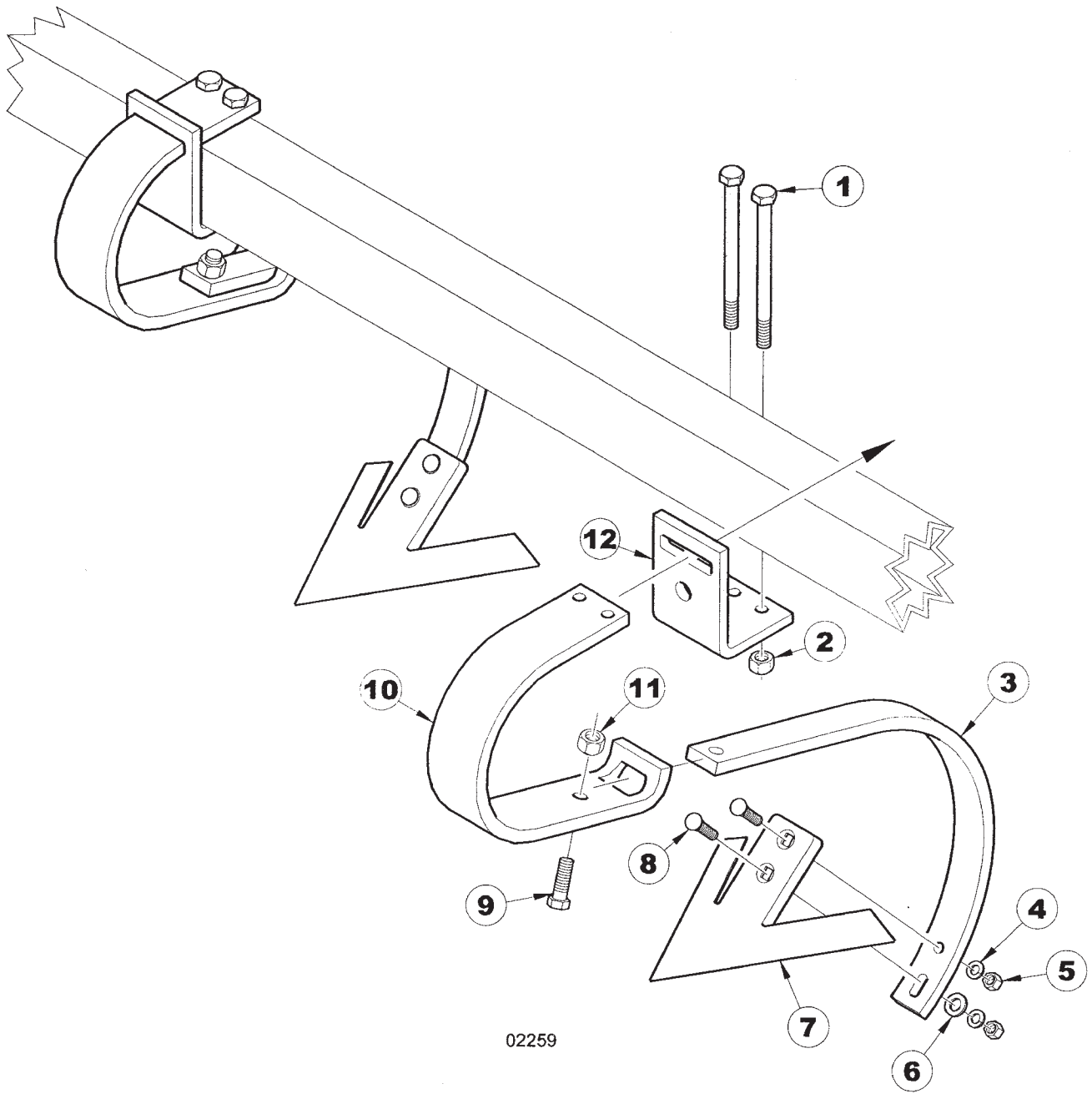
00302

S-TINE SHANK ASSEMBLY

ITEM	NUMBER	QTY	DESCRIPTION
1	SN1308		HEX BOLT, 5/8"-11 X 6 1/2", GR 5, Y/D
2	SN3568		HEX BOLT, 1/2"-13 X 6 1/2",GR 5, Y/D
3	SN3827		S-TINE CLAMP
4	SN669-1		LOCK NUT, 5/8" HEX NYLON
5	SN3821		SHANK, 5/8" X 1 3/4" X 24" S-TINE
	SN3863		SHANK ASSY, S-TINE
6	SN2096		LOCK NUT, 1/2"-13 HEX NYLON INSERT
7	SN3050		PLOW BOLT, 7/16"-14 X 1 1/2", GR 5, Y/D
8	SN3055		SWEEP, 4" PLAIN CULTIVATOR (47 DEG)
9	SN302		LOCKWASHER,7/16" SPLITTYPE MED,Y/D
10	SN303		HEX NUT, 7/16"-14 FULL, GR 2, Y/D
11	SN305		FLAT WASHER, 7/16", Y/D

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PR: t05g29115b0032

S-TINE SHANK ASSEMBLY (TWO PIECE)



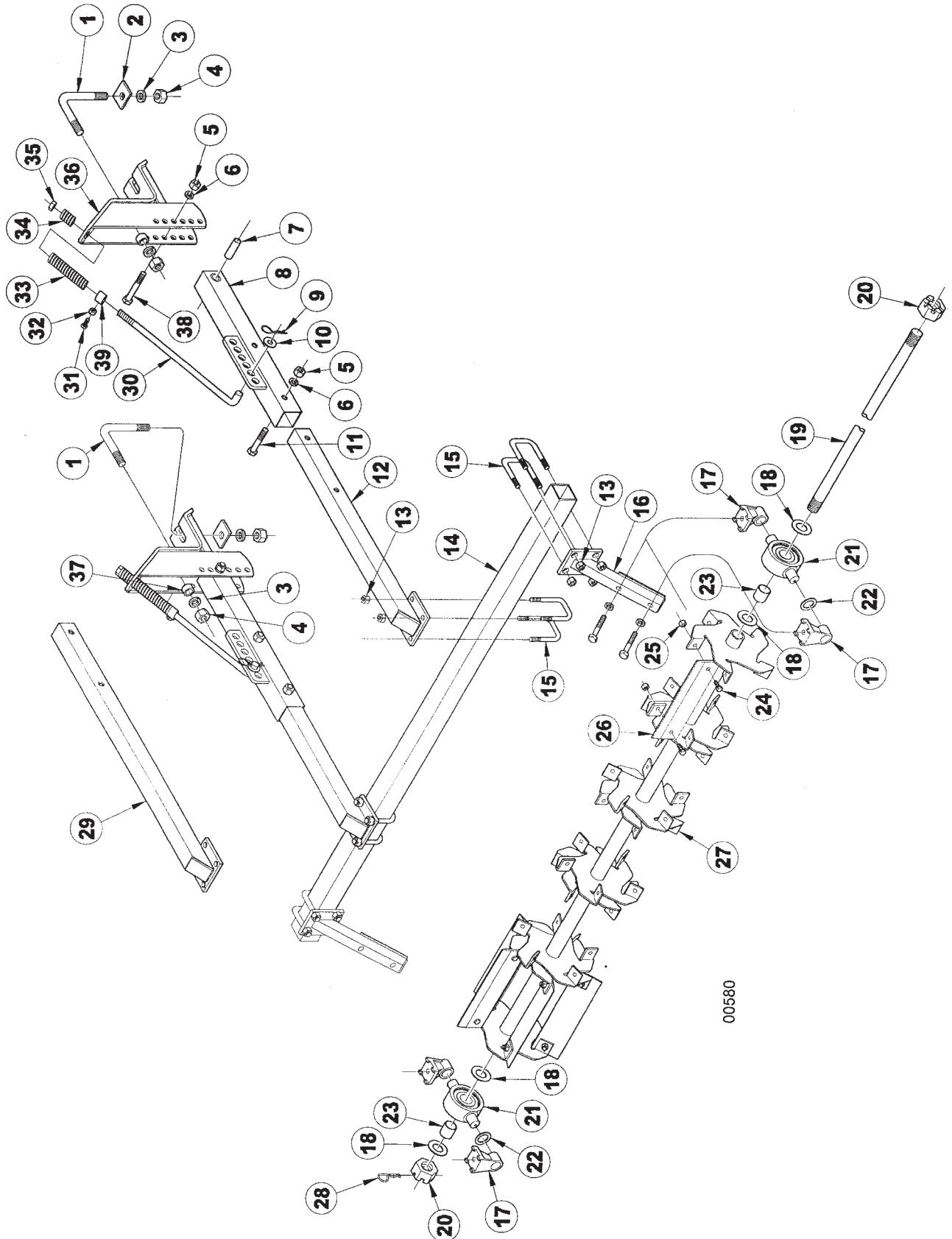
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S-TINE SHANK ASSEMBLY (TWO PIECE)

ITEM	NUMBER	QTY	DESCRIPTION
1	SN329		HEX BOLT, 1/2"-13 X 6"
2	SN2096		LOCK NUT, 1/2"-13 HEX NYLON INSERT
3	SN12257		SHANK, 5/8" X 1 3/4" X 24", FLAT (CURRENT SHANK)
	SN6806		DA SHANK, 5/8" X 1 3/4" X 24", ON EDGE
4	SN302		LOCKWASHER, 7/16" SPLIT TYPE MED, Y/D
5	SN303		HEX NUT, 7/16"-14 FULL, GR 2, Y/D
6	SN305		FLAT WASHER, 7/16", Y/D
7	SN3055		SWEEP, 4" PLAIN CULTIVATOR (47 DEG)
8	SN3050		PLOW BOLT, 7/16"-14 X 1 1/2", GR 5, Y/D
9	SN7530		HEX BOLT, 5/8"-11 X 2 1/4" GR 5, Y/D
10	SN7453		SPRING CLAMP, S-TINE
11	SN669-1		LOCK NUT, 5/8" HEX NYLON
12	SN7528		S-TINE CLAMP

I0002259
 PR: t05g29115b0033

CHOPPER REEL ASSEMBLY



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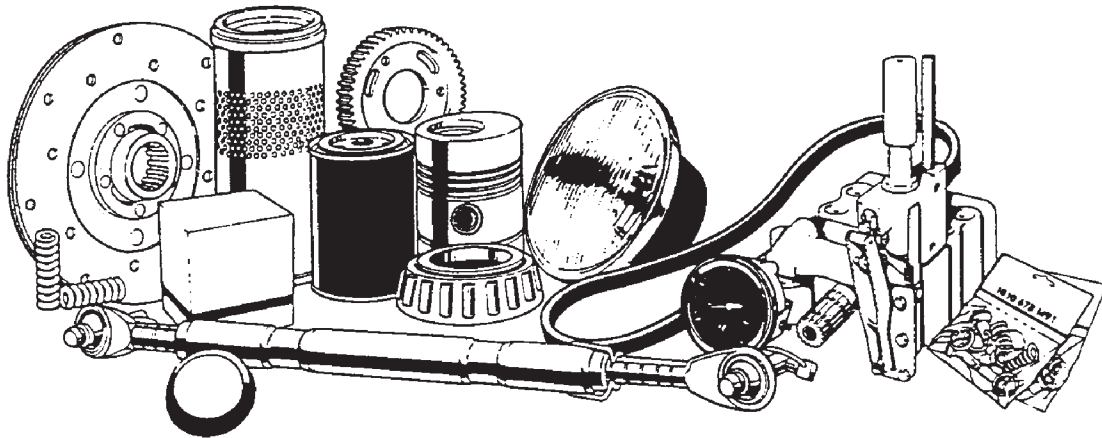
CHOPPER REEL ASSEMBLY

ITEM	NUMBER	QTY	DESCRIPTION
1	SNFK150264		L-BOLT, 1" X 7" X 8", Y/D
2	SNFK501229		MOUNTING WEDGE
3	SN1283		LOCK WASHER, 1" SPLIT TYPE MED, Y/D
4	SN110		HEX NUT, 1"-8 FULL, GR 5, Y/D
5	SN106		HEX NUT, 3/4"-10 FULL, GR 5, Y/D
6	SN1040		LOCK WASHER, 3/4" SPLIT TYPE MED, Y/D
7	SNFK501168		BUSHING
8	SN4789		FRAME PIVOT TUBE
9	SN71L-2901		PIN CLIP, 3/4"-7/8" SHAFT, .148" DIA, 3 1/8" L
10	SNFK150173		FLAT WASHER, 1" SAE, Y/D
11	SN1599		HEX BOLT, 3/4"-10 X 4", GR 5, Y/D
12	SN5885		REEL MOUNTING ARM, 37 1/4"
13	SN669-1		LOCK NUT, 5/8" HEX NYLON
14	SN5509		GANG BAR, 55 1/4"
	SN5510		GANG BAR, 70 1/4"
	SN5511		GANG BAR, 85 1/4"
	SN5512		GANG BAR, 100 1/4"
15	SN5515		U-BOLT, 5/8"-11 X 4 1/2" X 3 5/8" W, GR 5, Y/D
16	SN5884		HARROW MOUNTING ARM
17	SN3096		TRUNNION BEARING MOUNT
18	SN2755		FLAT WASHER, 1 9/16" ID X
19	SN5528		SHAFT, 55 5/8", 1 1/2" DIA
	SN5545		SHAFT, 70 5/8", 1 1/2" DIA
	SN5546		SHAFT, 85 5/8", 1 1/2" DIA
	SN5547		SHAFT, 100 5/8", 1 1/2" DIA
20	SN1456		HEX NUT, 1 1/2"-6 FULL SLOTTED GR 2, Y/D
21	SN3090		TRUNNION BEARING COMPLETE
22	SN3095		FLAT WASHER, 1 1/2" ID X 2 1/4" OD, 10 GA, Y/D
23	SN5527		BUSHING
24	SN1823		HEX BOLT, 1/2"-13 X 1 1/4", GR 5, Y/D
25	SN2096		LOCK NUT, 1/2"-13 HEX NYLON INSERT
26	SN5529		REEL BLADE
27	SN5572		REEL, 45" W/BLADES
	SN5573		REEL, 60" W/BLADES
	SN5574		REEL, 75" W/BLADES
	SN5575		REEL, 90" W/BLADES
	SN5523		REEL, 45"
	SN5524		REEL, 60"
	SN5525		REEL, 75"
	SN5526		REEL, 90"
28	SN108		COTTER PIN, 5/16" X 2 1/2", Y/D
29	SN5894		REEL MOUNTING ARM, 57 1/4"
30	SN7000		ROD, HARROW ADJUSTMENT, Y/D
31	SN2078		SET SCREW, 1/2" X 1" SQUARE HEAD, Y/D
32	SN159		JAM NUT, 1/2"-13, GR 2, Y/D
33	SNFK361003		ADJUSTING ROD SPRING-LOWER
34	SNFK361002		SPRING, 1.8125" OD X 1.062" ID, 2 5/8" L
35	SN3938		LOCK NUT, 1"-8 HEX NYLON
36	SN6999		MOUNTING BRACKET
37	SN4885		SPACER BUSHING
38	SN821		HEX BOLT, 3/4"-10 X 5", GR 5 Y/D
39	SNFK351023		LOCK COLLAR, ADJUSTING ROD, Y/D

I0000580
PR: t05g29115b0034

RECOMMENDED DEALER STOCK

RECOMMENDED DEALER'S STOCK



ITEM	NUMBER	QTY	DESCRIPTION
-	SN1935	2	BEARING (LM501349)
-	SNYYB3471	2	BRG & FLANGE ASSY W/ZERK
-	SN5527	2	BUSHING
-	SN5845	1	DUAL LAMP, AMBER FRT/RR & RED RR, LT
-	SN5844	1	DUAL LAMP, AMBER FRT/RR & RED RR, RT
-	SN1610	1	DUST CAP, 2.448" OD, Y/D
-	SN3095	4	FLAT WASHER, 1 1/2" ID X 2 1/4" OD,
-	SN5847	1	HARNESS, 15' WISHBONE W/FLAT &
-	SN5846	1	HARNESS, 25' STR SEC, SHIELDED FESTOON
-	SN5848	1	HARNESS, 5' EXTENSION W/TRIAN-GULAR
-	SN5849	1	HARNESS, 5' EXTENSION W/TRIAN-GULAR
-	SN3302	2	HEX NUT, 1"-14 FULL SLOTTED GR 2, PLAIN
-	SN5370	1	HITCH CLEVIS BUSHING
-	SNFK150264	1	L-BOLT, 1" X 7" X 8", Y/D
-	SN5428	1	L-BOLT, 3/4"-10 X 9, Y/D
-	SNFK150257	1	L-BOLT, 5/8"-11 X 3 3/4" X 3 3/4", Y/D
-	SN3118	6	LUG BOLT, 9/16"-18 X 1 7/8" PRESS IN, PL
-	SN3117	6	LUG NUT, 9/16"-18, GR 5, 90 DEG TAPER,
-	SN1936	2	RACE (LM501310)
-	SN1605	2	RACE (LM67010)
-	SN8776-1	2	SEAL KIT, 3 3/4", 1 3/8" ROD, REPHASING
-	SN8779-1	2	SEAL KIT, 4", 1 3/4" ROD,
-	SN12052	2	SEAL KIT, 4", 1 3/4" ROD, CROSS
-	SN8781-1	2	SEAL KIT, 4", 1 3/8" ROD
-	SN3863	2	SHANK ASSY, S-TINE
-	SN3821	2	SHANK, 5/8" X 1 3/4" X 24" S-TINE
-	SN12257	2	SHANK, 5/8" X 1 3/4" X 24", FLAT
-	SN3820	2	SHANK, 9/16" X 1 3/4" X 24", ON EDGE
-	SN3300	1	SIX BOLT HUB ASSEMBLY W/3301 SEAL
-	SN7001	1	SMV EMBLEM
-	SN3895B	8	SPIKE TOOTH, 3/4" X 11"
-	SN3044	1	SPRING ASSEMBLY, 5000
-	SN7453	2	SPRING CLAMP, S-TINE
-	SN3055	5	SWEEP, 4" PLAIN CULTIVATOR (47 DEG)
-	SN3894	8	TRI-BEND BOLT, 3/8"-16 X 1 1/2", Y/D
-	SN3301	2	TRIPLE LIP SEAL
-	SN3090	2	TRUNNION BEARING COMPLETE
-	SN3091	2	TRUNNION BEARING REPLACEMENT
-	SNFK151053	1	U-BOLT, 1/2"-13 X 3 1/4" X 3 1/16" W,
-	SNR0G-014	1	U-BOLT, 1/2"-13 X 3" X 2 5/32"W, GR 5,
-	SN3754	1	U-BOLT, 3/4"-10 X 4 1/4" X 3 3/8" W,
-	SN3763	1	U-BOLT, 3/4"-10 X 5 3/4" X 6 3/4" W,
-	SN3755	1	U-BOLT, 3/4"-10 X 8 3/4" X 4 13/16"
-	SN5515	1	U-BOLT, 5/8"-11 X 4 1/2" X 3 5/8" W,
-	SN3306	1	U-BOLT, 5/8"-11 X 4 1/2" X 4 5/8" W,
-	SN3052	1	U-BOLT, 5/8"-11 X 5 5/8" X 4 3/4" W,
-	SN3061	2	WALKING BEAM BEARING (342A)
-	SN3062	2	WALKING BEAM RACE (332)
-	SN3063	2	WALKING BEAM SEAL (NAT.204035 C/R 22870)
-	SN3303	2	WASHER, 1 1/32" ID X 1 3/4" OD X
-	SN5156	4	WHEEL, 8 TOOTH LEFT LEVELING, BLACK
-	SN5155	4	WHEEL, 8 TOOTH RIGHT LEVELING, BLACK

NOTE: THIS PARTS STOCK LIST
INDICATES THOSE ITEMS RECOMMENDED
TO SERVICE ONE UNIT.

RDL
PR: t05g29115b0035

SUBSOILERS

PARTS CATALOG

**SUNFLOWER®
4010 / 4110 COULTER RIPPER**

4010/4110 COULTER RIPPER

CHOPPER REEL

CHOPPER REEL ASSEMBLY 59

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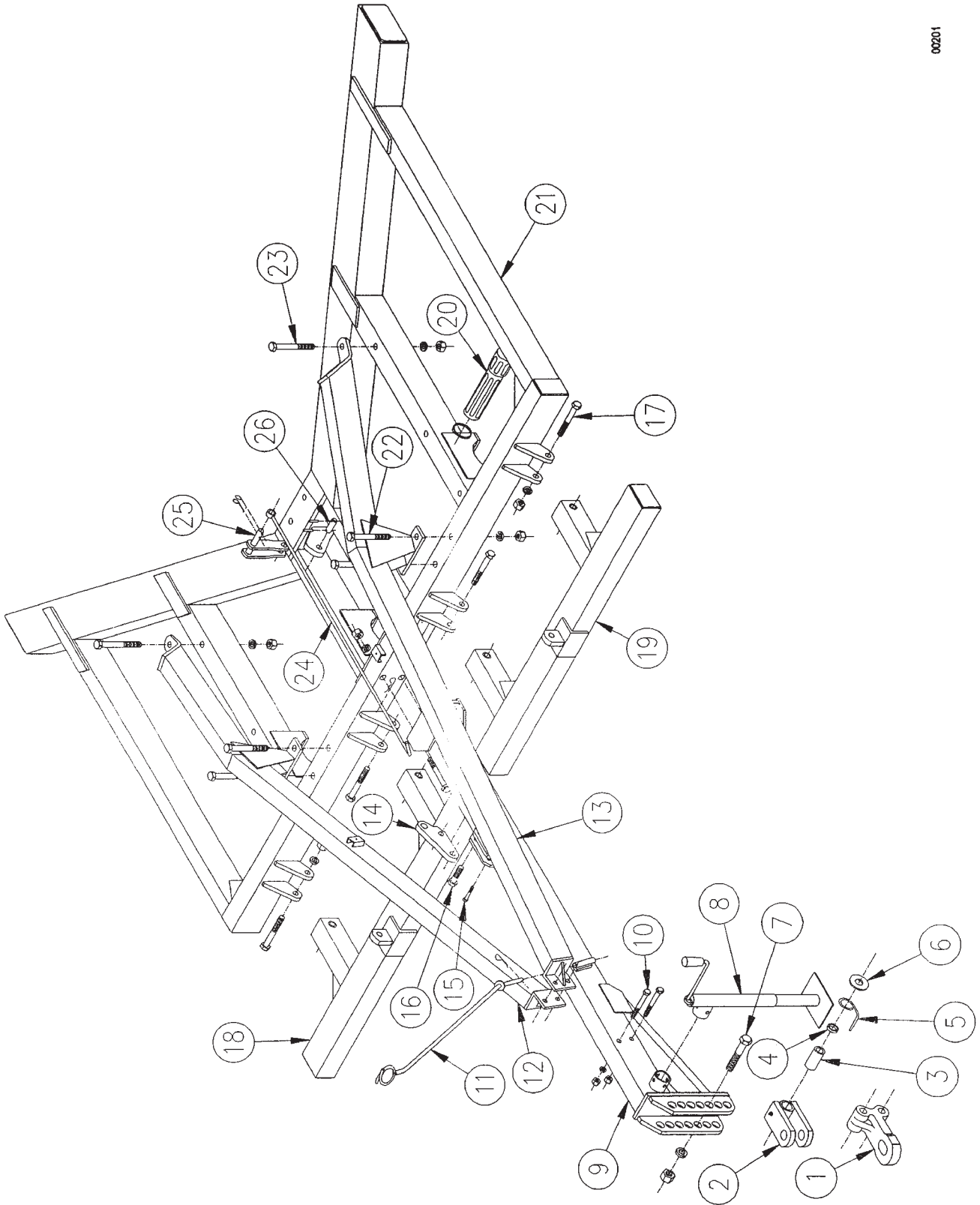
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SN3768	55	1-B 11	SN5081	25	1-B 8	SN5372	23	1-B 8	SN5869	55	1-B 11
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SN4925	19	1-B 7	SN5339	49	1-B 10	SN5529	59	1-B 11	SN8610-1	43	1-B 10
SN4971	17	1-B 7	SN5339	51	1-B 11	SN5545	59	1-B 11	SN8610-1	45	1-B 10
SN4971B	21	1-B 8	SN5339	53	1-B 11	SN5546	59	1-B 11	SN8610-1	47	1-B 10
SN4971B	23	1-B 8	SN5340	51	1-B 11	SN5547	59	1-B 11	SN8610-1	49	1-B 10
SN5022	25	1-B 8	SN5340	53	1-B 11	SN5548	27	1-B 8	SN8619-1	51	1-B 11
SN5023	25	1-B 8	SN5352	9	1-B 6	SN5573	59	1-B 11	SN8619-1	53	1-B 11
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SN5028	25	1-B 8	SN5358	9	1-B 6	SN5633	55	1-B 11	SN8631-1	47	1-B 10
SN5062	27	1-B 8	SN5359	9	1-B 6	SN5635	31	1-B 9	SN8631-1	49	1-B 10
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SN5066	27	1-B 8	SN5363	31	1-B 9	SN5657	33	1-B 9	SN8636-1	51	1-B 11
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4010 & 4110 COULTER RIPPER
SERVICE PARTS

4010 FRAME ASSEMBLY

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**4010 & 4110 COULTER RIPPER
SERVICE PARTS**

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4010 FRAME ASSEMBLY

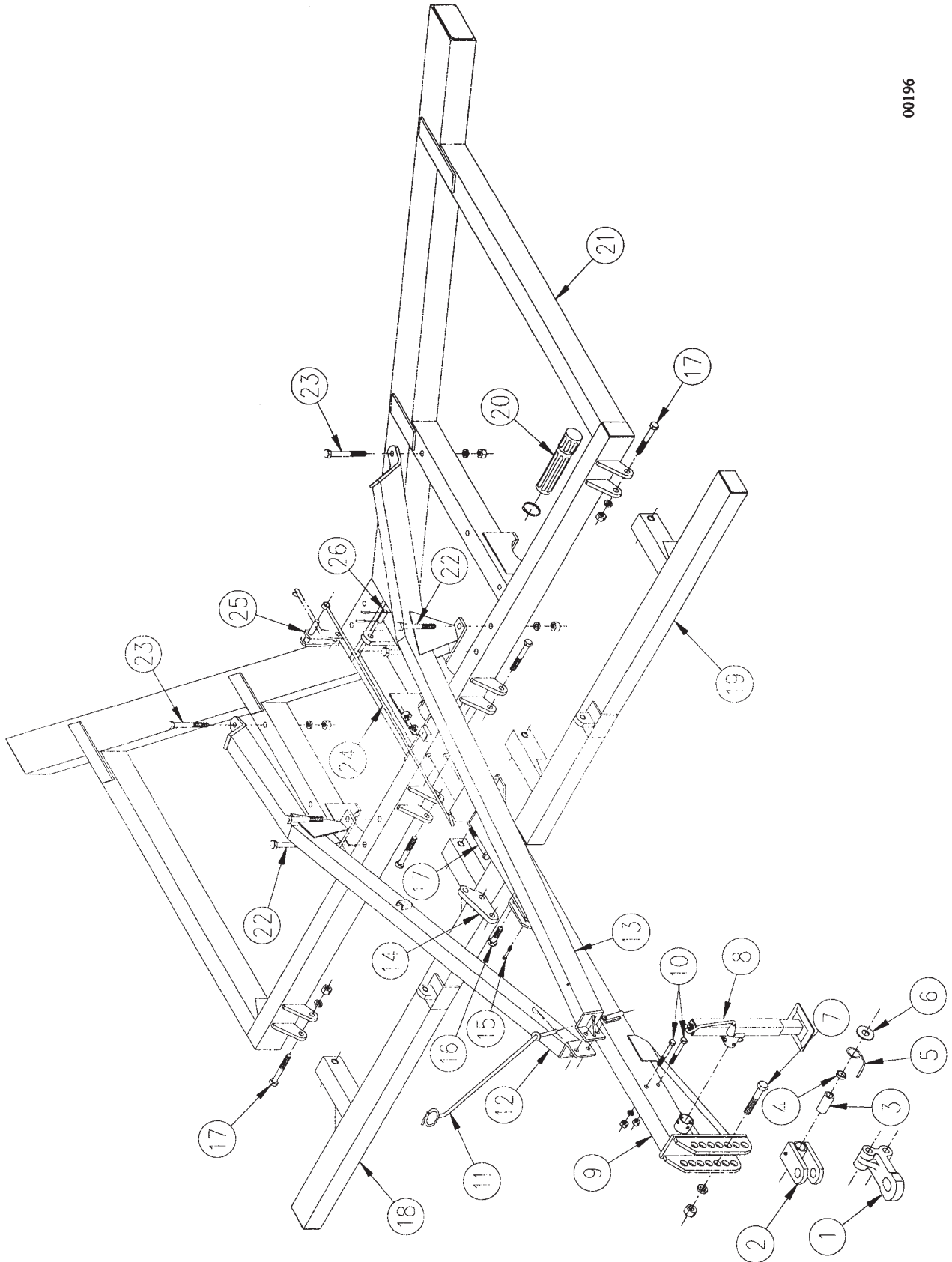
ITEM	NUMBER	QTY	DESCRIPTION
1	SN5334		CAST SINGLE LIP HITCH, 1 1/2" HOLE
2	SN3807		DOUBLE LIP HITCH 4", 1 1/4" HOLE
	SN1765		DOUBLE LIP HITCH 4", 1 13/16" HOLE
	SN2098-1		1/8" NPT GREASE ZERK, 5/8" LONG
3	SN5370		HITCH CLEVIS BUSHING
4	SN5417		HITCH CLEVIS HOLDER BUSHING
5	SN3152		HITCH CLEVIS HOLDER
6	SN1881		1 1/2" FLAT WASHER
7	SNFK150219		1 1/4" X 7 1/2" HEX BOLT
	SNFK150157		1 1/4" LOCK WASHER
	SNFK150144		1 1/4" HEX NUT
8	SN2378		LONG TONGUE JACK W/TUBE MOUNT
	SN2378-2		TONGUE JACK PIN
9	SN5371		TONGUE
10	SN916		3/4" X 6" HEX BOLT
	SN1040		3/4" LOCK WASHER
	SN106		3/4" HEX NUT
11	SN1652		HOSE HOLDER ROD
	SN1609		COTTER PIN, 3/16" X 1 1/2"
12	SN3457		TONGUE BRACE, RIGHT
13	SN3458		TONGUE BRACE, LEFT
14	SN3483		CYLINDER BLOCK
15	SN156		1/2" X 3" HEX BOLT
	SN2096		1/2" LOCK NUT
16	SN155		1" X 3 1/2" HEX BOLT
	SN1283		1" LOCK WASHER
	SN110		1" HEX NUT
17	SN109		1" X 7" HEX BOLT
	SN1283		1" LOCK WASHER
	SN110		1" HEX NUT
18	SN5382		RIGHT GANG BAR, 61"
	SN5360		RIGHT GANG BAR, 74 1/2"
19	SN5383		LEFT GANG BAR, 61"
	SN5361		LEFT GANG BAR, 74 1/2"
20	SN3750		OPERATOR'S MANUAL TUBE
	SN3765		HOSE CLAMP, 3 1/2"
21	SN5355		CENTER FRAME, 4010
22	SN3485		1" X 8" HEX BOLT
	SN1283		1" LOCK WASHER
	SN110		1" HEX NUT
23	SN2316		1" X 8 1/2" HEX BOLT
	SN1283		1" LOCK WASHER
	SN110		1" HEX NUT
24	SN3481		TRANSPORT LEVER
	SN2867		1/2" PIN CLIP
25	SN3482		TRANSPORT LOCK
	SN3066		COTTER PIN, 7/32" X 1 1/2"
26	SN5385		1" X 3" PIN
	SN3164		5/16" X 2" ROLL PIN

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PR: t05g29o29b0001

4010 & 4110 COULTER RIPPER
SERVICE PARTS

4110 FRAME ASSEMBLY

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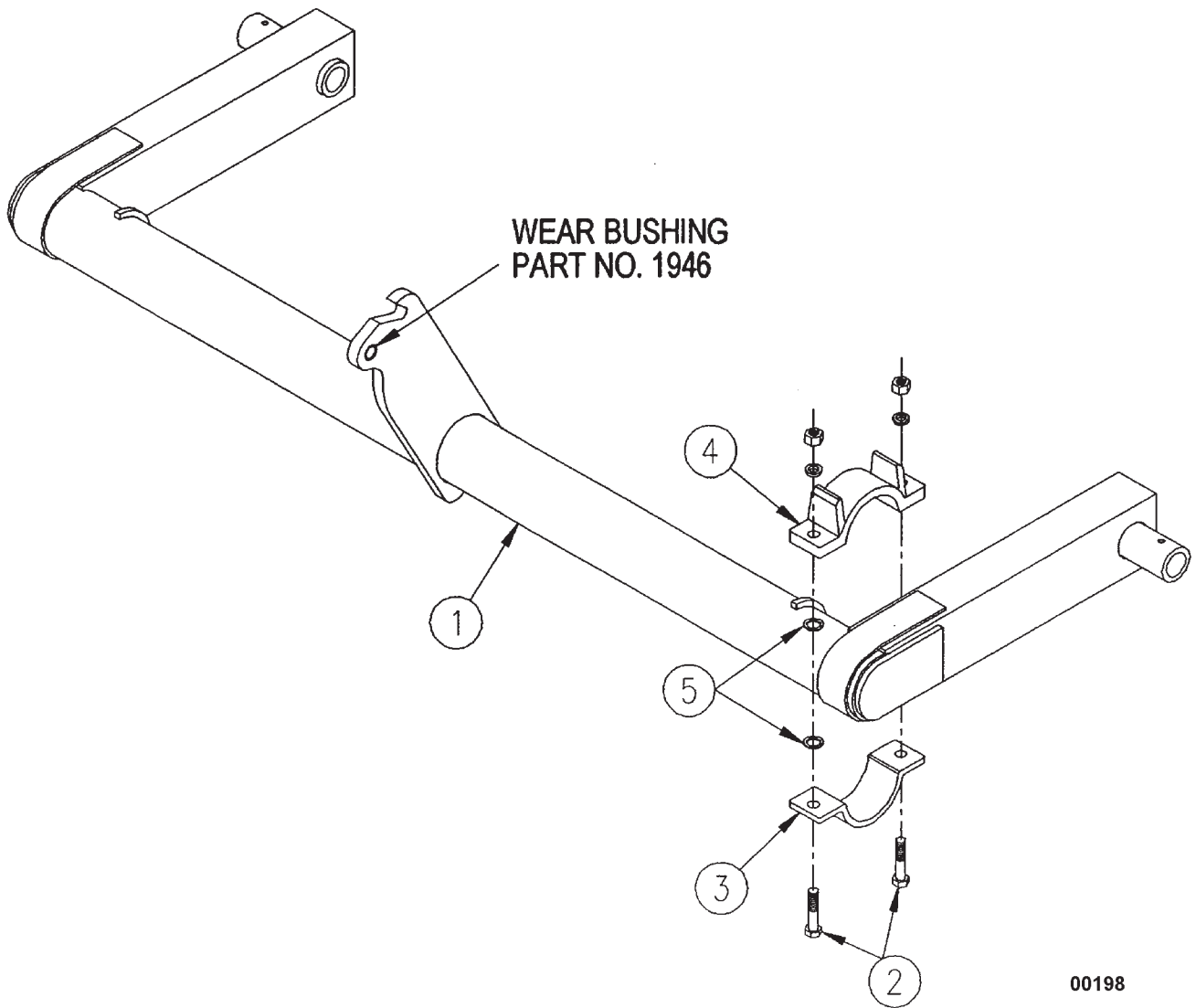
**4010 & 4110 COULTER RIPPER
SERVICE PARTS**

4110 FRAME ASSEMBLY

ITEM	NUMBER	QTY	DESCRIPTION
1	SN4781		CAST SINGLE LIP HITCH, 2" HOLE
2	SN1765		DOUBLE LIP HITCH, 4", 1 13/16" HOLE
	SN2098-1		1/8" NPT GREASE ZERK, 5/8" LONG
3	SN5370		HITCH CLEVIS BUSHING
4	SN5417		HITCH CLEVIS HOLDER BUSHING
5	SN3152		HITCH CLEVIS HOLDER
6	SN1881		1 1/2" FLAT WASHER
7	SNFK150219		1 1/4" X 7 1/2" HEX BOLT
	SNFK150157		1 1/4" LOCK WASHER
	SNFK150144		1 1/4" HEX NUT
8	SN9777		LONG TONGUE JACK, SQ W/TUBE MOUNT
9	SN5371		TONGUE
10	SN916		3/4" X 6" HEX BOLT
	SN1040		3/4" LOCK WASHER
	SN106		3/4" HEX NUT
11	SN1652		HOSE HOLDER ROD
	SN1609		COTTER PIN, 3/16" X 1 1/2"
12	SN3457		TONGUE BRACE, RIGHT
13	SN3458		TONGUE BRACE, LEFT
14	SN3483		CYLINDER BLOCK
15	SN156		1/2" X 3" HEX BOLT
	SN2096		1/2" LOCK NUT
16	SN155		1" X 3 1/2" HEX BOLT
	SN1283		1" LOCK WASHER
	SN110		1" HEX NUT
17	SN109		1" X 7" HEX BOLT
	SN1283		1" LOCK WASHER
	SN110		1" HEX NUT
18	SN5358		RIGHT GANG BAR, 97"
19	SN5359		LEFT GANG BAR, 97"
20	SN3750		OPERATOR'S MANUAL TUBE
	SN3765		HOSE CLAMP, 3 1/2"
21	SN5352		CENTER FRAME, 4110
22	SN3485		1" X 8" HEX BOLT
	SN1283		1" LOCK WASHER
	SN110		1" HEX NUT
23	SN2316		1" X 8 1/2" HEX BOLT
	SN1283		1" LOCK WASHER
	SN110		1" HEX NUT
24	SN3481		TRANSPORT LEVER
	SN2867		1/2" PIN CLIP
25	SN3482		TRANSPORT LOCK
	SN3066		7/32" X 1 1/2" COTTER PIN
26	SN5385		1" X 3" PIN
	SN3164		5/16" X 2" ROLL PIN

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PR: t05g29o29b0002

4010 LIFT AXLE ASSEMBLY



**4010 & 4110 COULTER RIPPER
SERVICE PARTS**

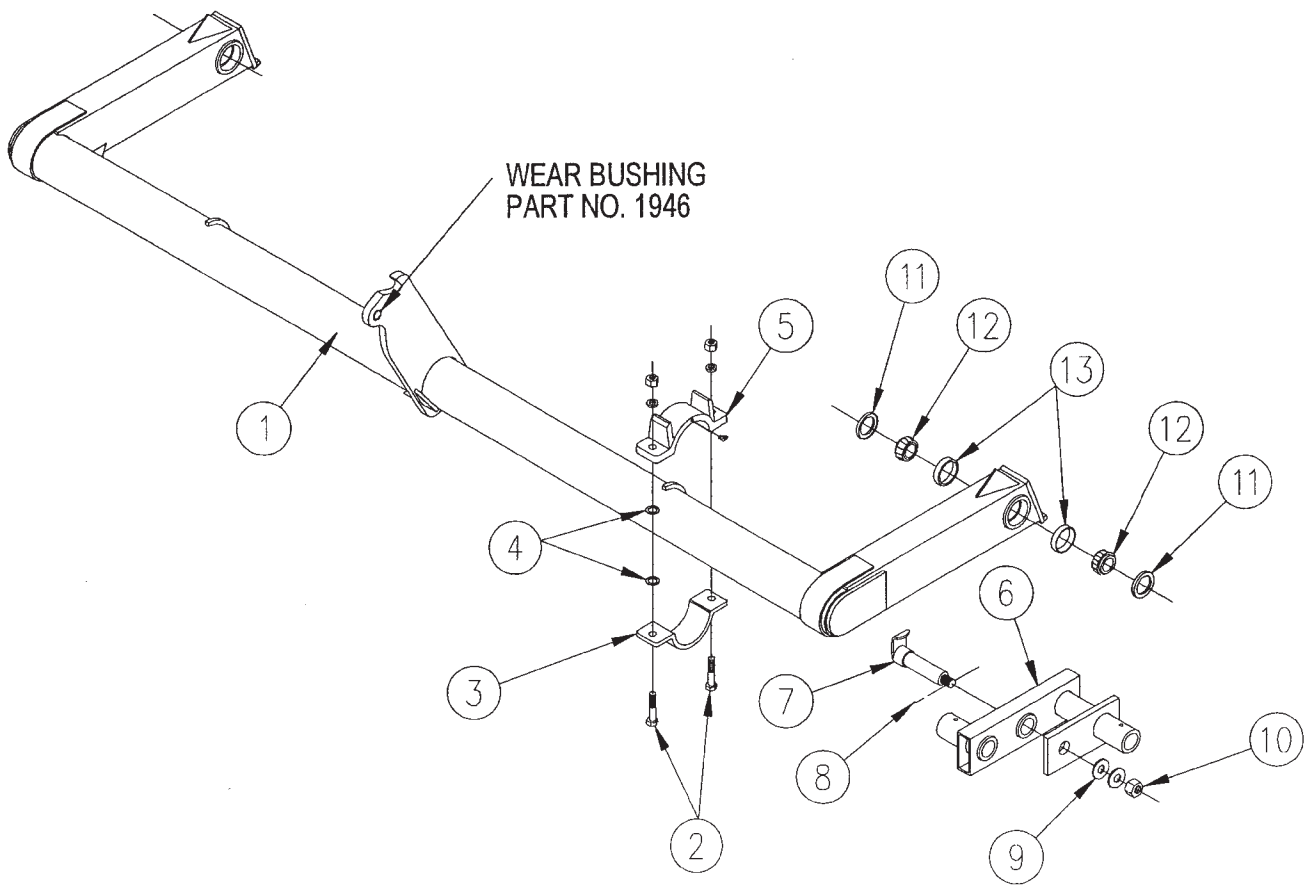
11

4010 LIFT AXLE ASSEMBLY

ITEM	NUMBER	QTY	DESCRIPTION
1	SN5357		CENTER LIFT, 89"
2	SN105		3/4" X 3 1/2" HEX BOLT
	SN1040		3/4" LOCK WASHER
	SN106		3/4" HEX NUT
3	SN1571		BOTTOM CLAMP
4	SN1570-1		TOP CLAMP W/SIDE ZERK HOLE
	SN2098-3		GREASE ZERK, 1/8" NPT 45 DEG.
5	SN2073		MACHINE BUSHING, 1 1/2" O.D. X 1" I.D.

I0000198
PR: t05g29o29b0003

4110 LIFT AXLE ASSEMBLY



**4010 & 4110 COULTER RIPPER
SERVICE PARTS**

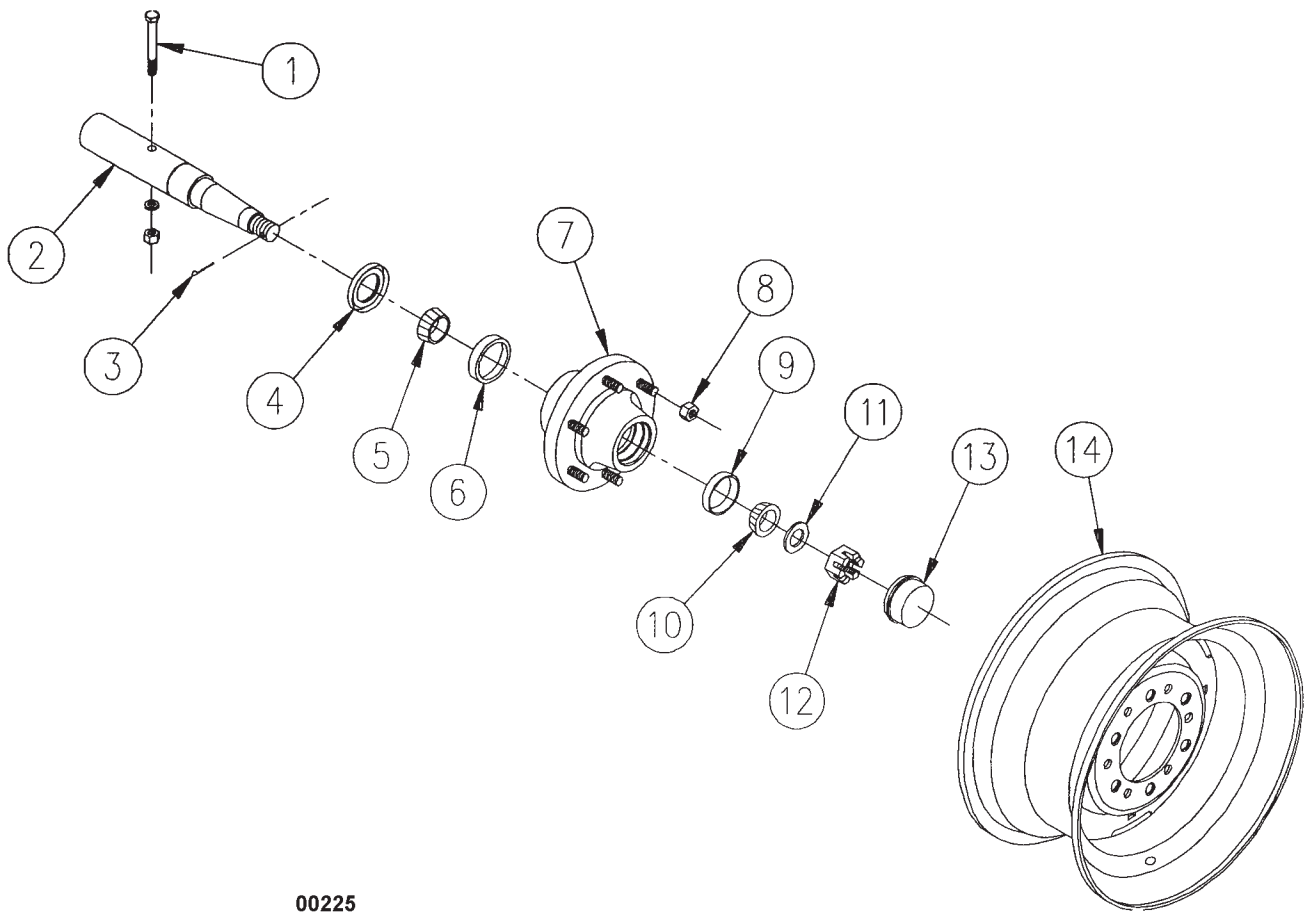
13

4110 LIFT AXLE ASSEMBLY

ITEM	NUMBER	QTY	DESCRIPTION
1	SN5416		CENTER LIFT
2	SN105		3/4" X 3 1/2" HEX BOLT
	SN1040		3/4" LOCK WASHER
	SN106		3/4" HEX NUT
3	SN1571		BOTTOM CLAMP
4	SN2073		MACHINE BUSHING, 1 1/2" O.D. X 1" I.D.
5	SN1570-1		TOP CLAMP W/SIDE ZERK HOLE
	SN2098-3		GREASE ZERK, 1/8" NPT 45 DEG.
6	SN3330		TANDEM PIVOT
7	SN3331		2" X 9 7/8" TANDEM PIVOT SPINDLE
8	SN3066		7/32" X 1 COTTER PIN
9	SN245		1" FLAT WASHER
10	SN2992		1" SLOTTED FULL NUT
11	SN3063		WALKING BEAM SEAL (NAT. 204035 C/R 22870)
12	SN3061		WALKING BEAM BEARING (342A)
13	SN3062		WALKING BEAM RACE (332)

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PR: t05g29o29b0004

SIX BOLT HUB ASSEMBLY



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**4010 & 4110 COULTER RIPPER
SERVICE PARTS**

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SIX BOLT HUB ASSEMBLY

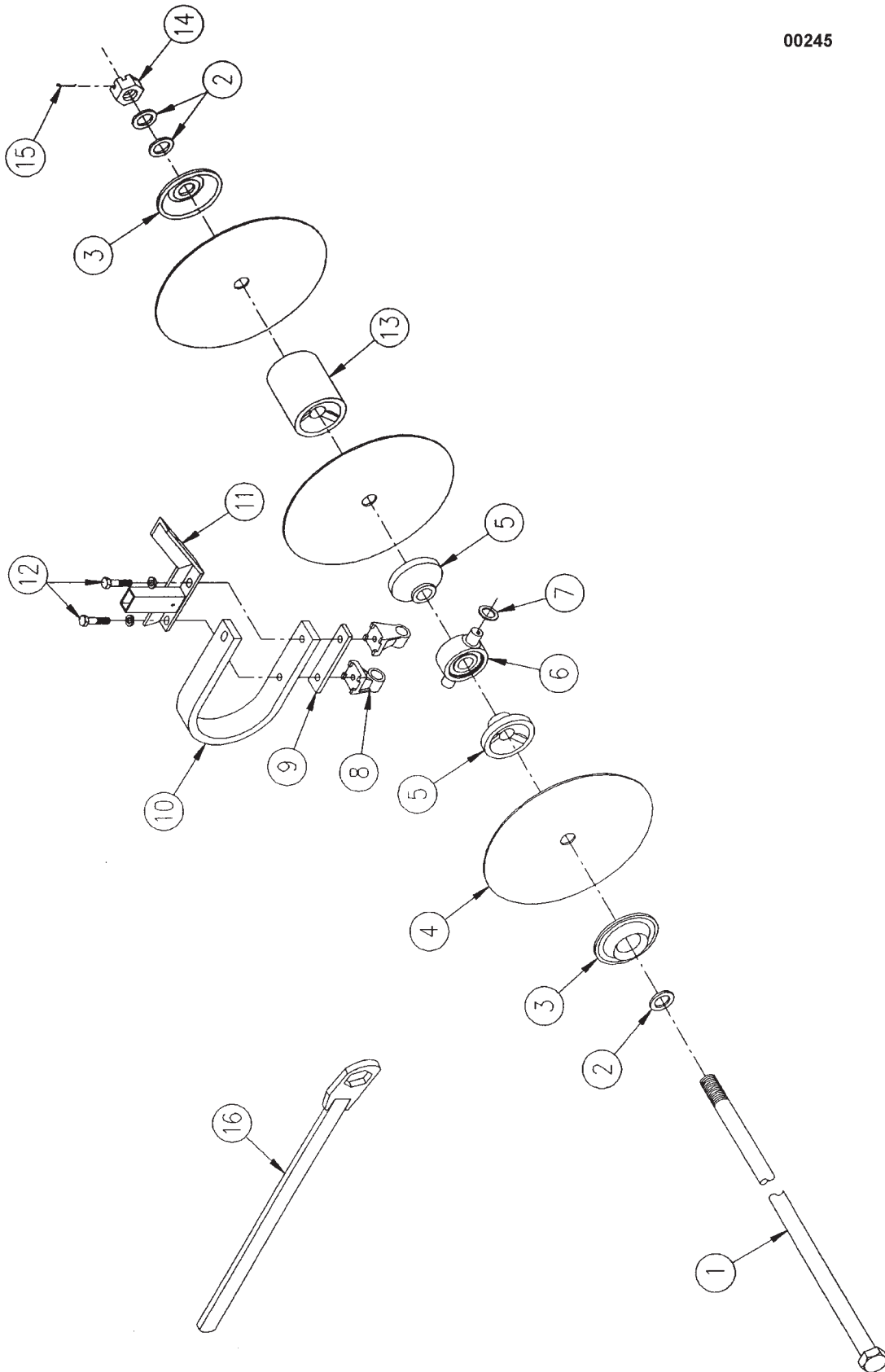
ITEM	NUMBER	QTY	DESCRIPTION
1	SN2585		7/16" X 3 1/2" HEX BOLT
	SN302		7/16" LOCK WASHER
	SN303		7/16" HEX NUT
2	SN3299		2" X 13 1/4" SPINDLE (4010)
	SN3298		2" X 11 1/4" SPINDLE (4110)
3	SN3066		7/32" X 1 1/2" COTTER PIN
4	SN3301		TRIPLE LIP SEAL
5	SN1935		INNER BEARING (LM501349)
6	SN1936		INNER RACE (LM501310)
7	SN1937		SIX BOLT HUB
	SN3300		SIX BOLT HUB ASSEMBLY W/3301 SEAL (ITEMS 3 THRU 13)
8	SN3118		9/16" X 1 7/8" PRESS IN LUG BOLT
	SN3117		9/16" - 18 THREADED LUG NUT
9	SN1605		OUTER RACE (LM67010)
10	SN1606		OUTER BEARING (LM67048)
11	SN3303		1 1/32" I.D. X 1 3/4" O.D. WASHER
12	SN3302		1" SLOTTED FULL NUT
13	SN1610		DUST CAP
14	SN1944		WHEEL, 15 X 10, 6 BOLT
	SN3581		TIRE, 11L X 15, 12 PLY TUBELESS
	SN3587		TIRE, 11L, 12 PLY TUBELESS UNIROYAL W/15 X 10 WHEEL ASSEMBLY, 6 BOLT
	SN3582		TIRE, 12.5L X 15, 10 PLY TUBELESS
	SN3588		TIRE, 12.5L, 12 PLY TUBELESS UNIROYAL W/15 X 12 WHEEL ASSEMBLY, 6 BOLT
	SN3580		TIRE, 11L X 15, 8 PLY TUBELESS
	SN3058		TIRE, 11L, 8 PLY TUBELESS UNIROYAL W/15 X 10 WHEEL ASSEMBLY, 6 BOLT
	SN3577		VALVE STEM

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PR: t05g29o29b0005

4010 & 4110 COULTER RIPPER
SERVICE PARTS

COULTER GANG ASSEMBLY

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**4010 & 4110 COULTER RIPPER
SERVICE PARTS**

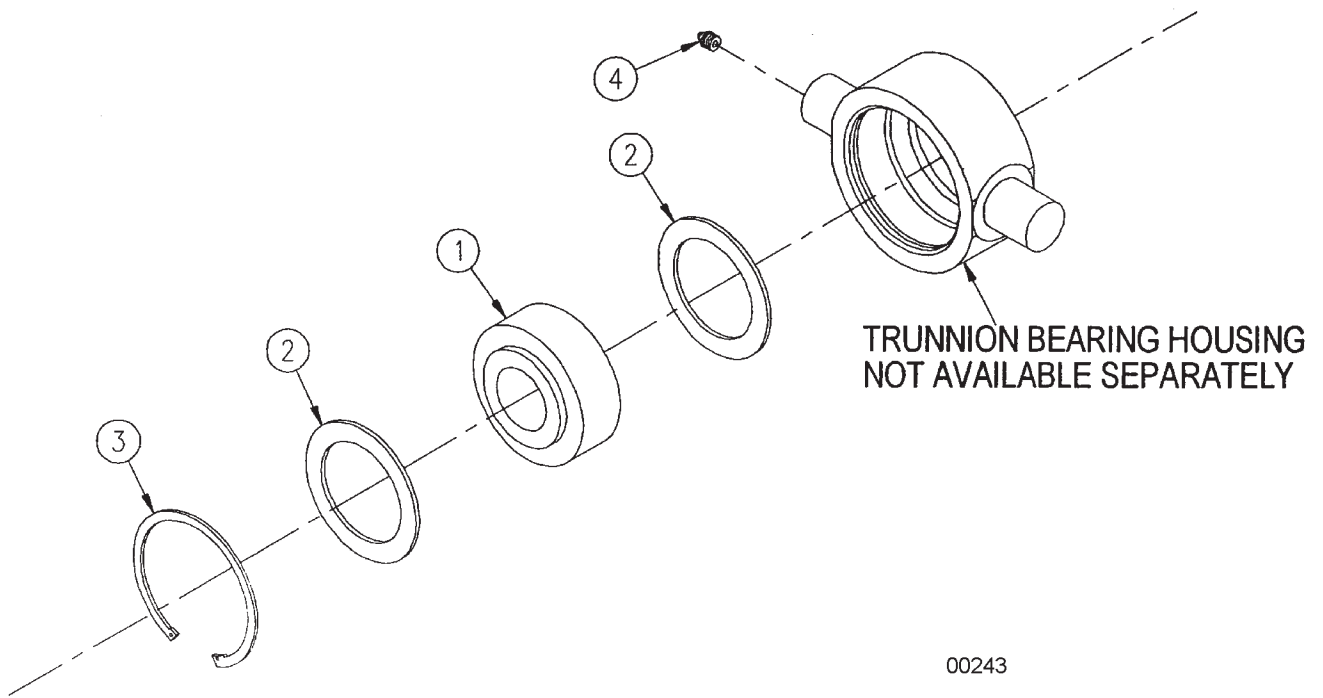
17

COULTER GANG ASSEMBLY

ITEM	NUMBER	QTY	DESCRIPTION
1	SN1990		66 1/2" SHAFT, 1 3/4" DIA. (9 BLADE 20" 6 GA.,4010)
	SN1990-1		67" SHAFT, 1 3/4" DIA. (9 BLADE 20" 4 GA. 4010)
	SN3067		81" SHAFT, 1 3/4" DIA. (11 BLADE 20" 6 GA 4010)
	SN1997		81 1/2" SHAFT, 1 3/4" DIA. (11 BLADE 20" 4 GA.,4010)
	SN5380		103 3/4" SHAFT, 1 3/4" DIA. (14 BLADE 20" 6 GA.,4110)
	SN5381		104 3/4" SHAFT, 1 3/4" DIA. (14 BLADE 20" 4 GA.,4110)
2	SN2037		1 13/16" I.D. X 2 13/16" O.D. FLAT WASHER
3	SN2723B		SPRING END COLLAR, 1 3/4" BORE
4	SN2812-1		20" COULTER BLADE, 1 3/4" BORE, 6 GA.
	SN3273		19.94" COULTER BLADE, 1 3/4" BORE, 4 GA.
5	SN3100		BEARING SPOOL
6	SN3090		TRUNNION BEARING COMPLETE
7	SN3095		1 1/2" I.D. X 2 1/4" O.D. FLAT WASHER
8	SN3096		TRUNNION BEARING MOUNT
9	SN5372		SHIM, 3/8" THICK
10	SN4971		C-FLEX SHANK, 1" X 3"
11	SN3087		FLAT TRASH BAR MOUNT
12	SN1345		3/4" X 3" HEX BOLT
	SN1040		3/4" LOCK WASHER
13	SN2814		FULL SPOOL
14	SN2036		1 3/4" SLOTTED HEX NUT
15	SN108		5/16" X 2 1/2" COTTER PIN
16	SN2194		2 3/4" GANG WRENCH

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PR: t05g29o29b0006

3090 TRUNNION BEARING COMPLETE



**4010 & 4110 COULTER RIPPER
SERVICE PARTS**

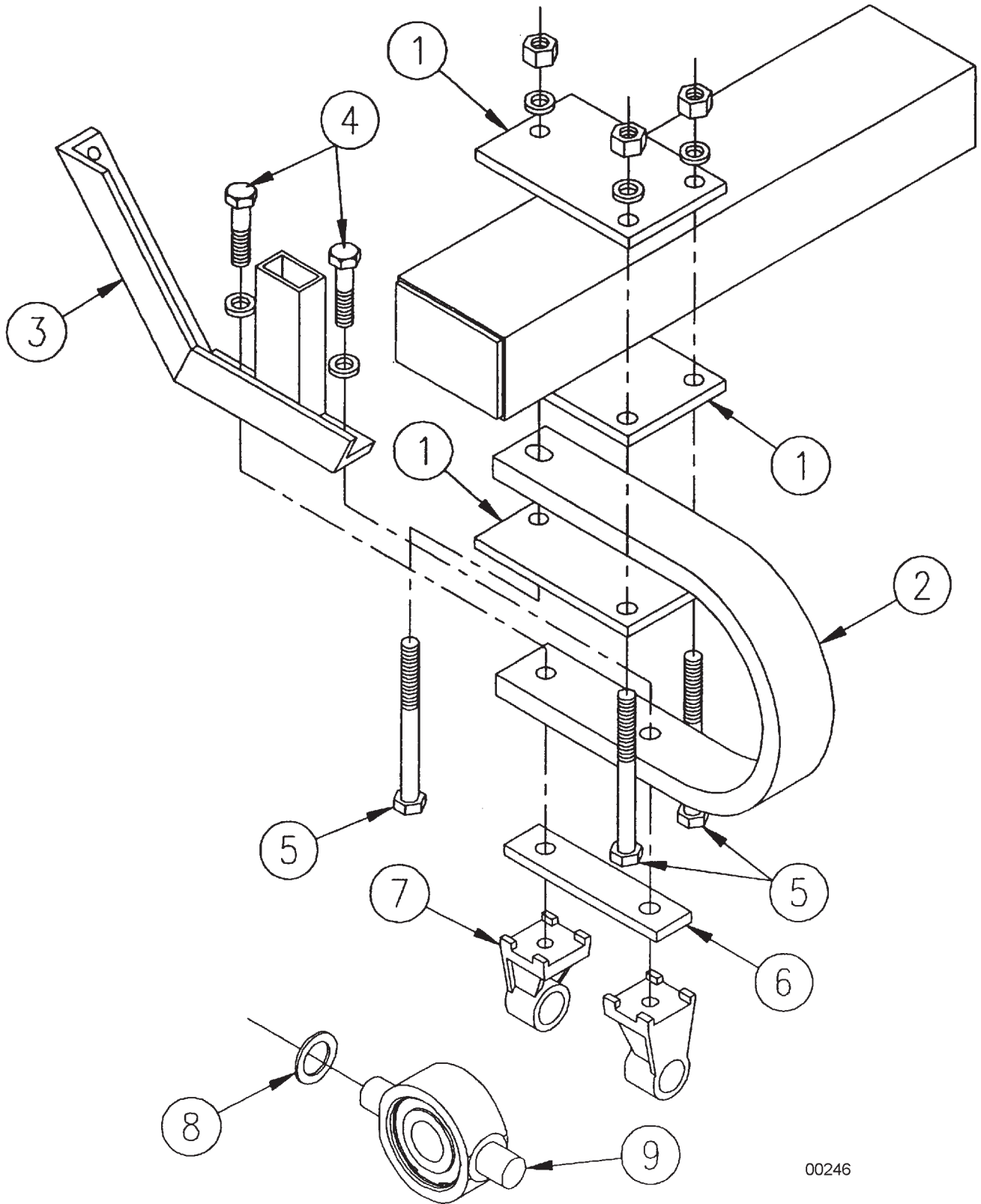
3090 TRUNNION BEARING COMPLETE

ITEM	NUMBER	QTY	DESCRIPTION
-	----	--	TRUNNION BEARING REPLACEMENT PARTS (SUNFLOWER HOUSING, BCA BEARING)
1	SN3091		TRUNNION BEARING REPLACEMENT (BCA - P.N. DC211TTR21)
2	SN4924		TRUNNION BEARING SHIELD (BCA)
3	SN3094		TRUNNION BEARING RETAINER (FAFNIR)
4	SN2098-1		1/8" GREASE ZERK
-	----	--	(SUNFLOWER HOUSING, BCA BEARING)
1	SN3091		TRUNNION BEARING REPLACEMENT (BCA - P.N. DC211TTR21)
2	SN4924		TRUNNION BEARING SHIELD (BCA)2.8375" I.D. X 3.929" O.D. X .100" THICK
3	SN4925		TRUNNION BEARING RETAINER(SUNFLOWER)
4	SN2098-1		1/8" GREASE ZERK
-	----	--	(SUNFLOWER HOUSING, SEAL MASTER BEARING)
1	SN5338		TRUNNION BEARING REPLACEMENT (SEAL MASTER - P.N. SK-1507)
2	SN5337		TRUNNION BEARING SHIELD (SEAL MASTER)
3	SN4925		TRUNNION BEARING RETAINER(SUNFLOWER)
4	SN2098-1		1/8" GREASE ZERK
-	----	--	(FAFNIR HOUSING, BCA BEARING)
1	SN3091		TRUNNION BEARING REPLACEMENT (BCA - P.N. DC211TTR21)
2	SN3093		TRUNNION BEARING SHIELD 2.805" I.D. X 3.929" O.D. X .1345" THICK
3	SN3094		TRUNNION BEARING RETAINER (FAFNIR)
4	SN2098-1		1/8" GREASE ZERK
-	----	--	(FAFNIR HOUSING, SEAL MASTER BEARING)
1	SN5338		TRUNNION BEARING REPLACEMENT (SEAL MASTER - P.N. SK-1507)
2	SN3093		TRUNNION BEARING SHIELD
3	SN3094		TRUNNION BEARING RETAINER (FAFNIR)
4	SN2098-1		1/8" GREASE ZERK
-	----	--	(FAFNIR HOUSING, FAFNIR BEARING)
1	SN5434		TRUNNION BEARING REPLACEMENT (FAFNIR - P.N. GW211PP25)
2	SN3093		TRUNNION BEARING SHIELD
3	SN3094		TRUNNION BEARING RETAINER (FAFNIR) .109" THICK
4	SN2098-1		1/8" GREASE ZERK
-	----	--	(SUNFLOWER HOUSING, FAFNIR BEARING)
1	SN5434		TRUNNION BEARING REPLACEMENT (FAFNIR - P.N. GW211PP25)
2	SN5337		TRUNNION BEARING SHIELD 2.77" I.D.X 3.929" O.D. X .100" THICK
3	SN4925		TRUNNION BEARING RETAINER(SUNFLOWER) .092" THICK
4	SN2098-1		1/8" GREASE ZERK

I0000243
PR: t05g29o29b0007

4010 & 4110 COULTER RIPPER
SERVICE PARTS

C-FLEX STANDARD ASSEMBLY



**4010 & 4110 COULTER RIPPER
SERVICE PARTS**

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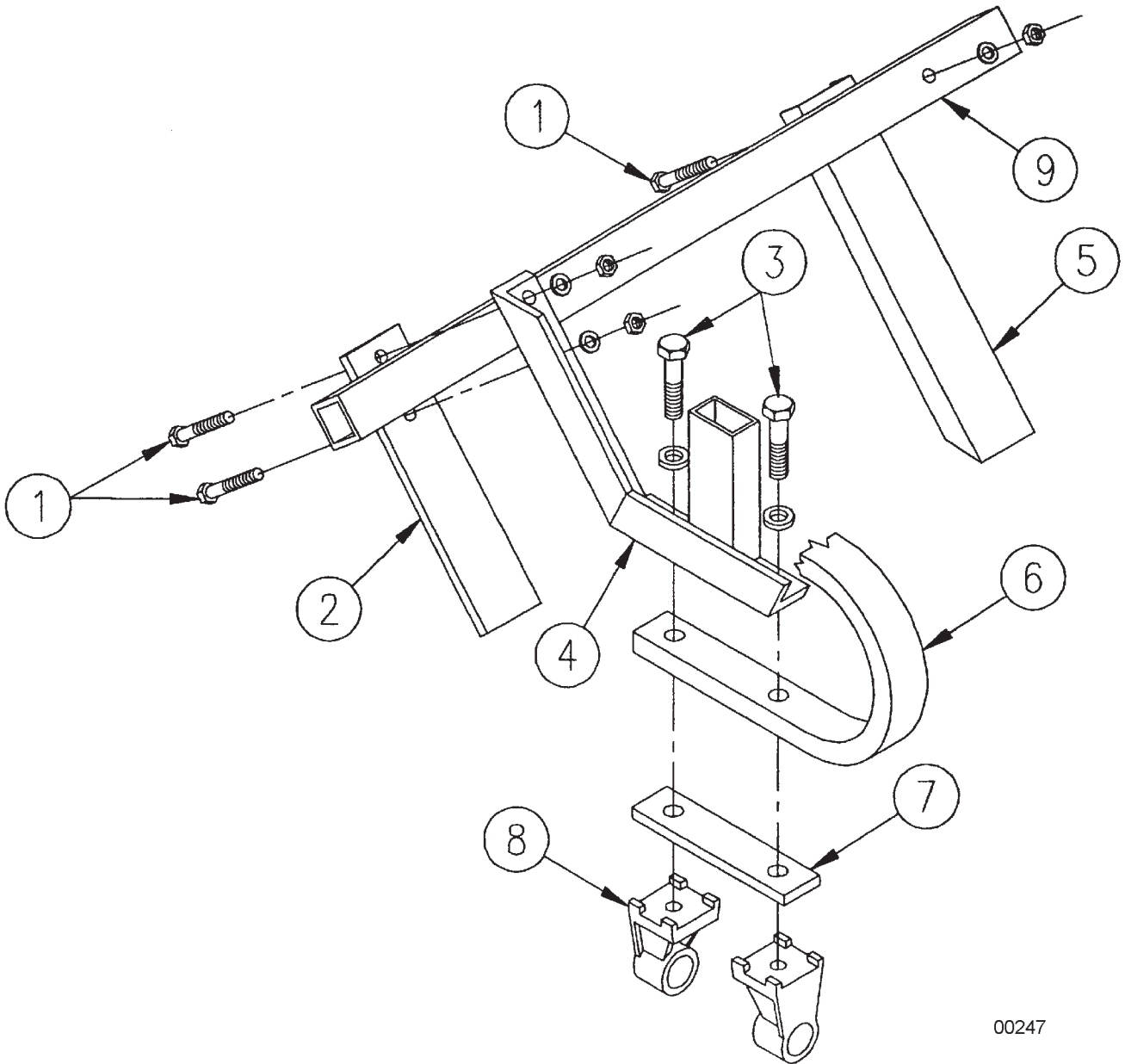
C-FLEX STANDARD ASSEMBLY

ITEM	NUMBER	QTY	DESCRIPTION
1	SN5373		C-FLEX CLAMP PLATE
2	SN4971B		C-FLEX SHANK, 1" X 3"
3	SN3087		FLAT TRASH BAR MOUNT
4	SN1345		3/4" X 3" HEX BOLT
	SN1040		3/4" LOCK WASHER
5	SN1484		3/4" X 7" HEX BOLT
	SN1040		3/4" LOCK WASHER
	SN106		3/4" HEX NUT
6	SN5372		SHIM, 3/8" THICK
7	SN3096		TRUNNION BEARING MOUNT
8	SN3095		1 1/2" I.D. X 2 1/4" O.D. FLAT WASHER
9	SN3090		TRUNNION BEARING COMPLETE

I0000246
PR: t05g29o29b0008

4010 & 4110 COULTER RIPPER
SERVICE PARTS

TRASH BAR ASSEMBLY



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**4010 & 4110 COULTER RIPPER
SERVICE PARTS**

23

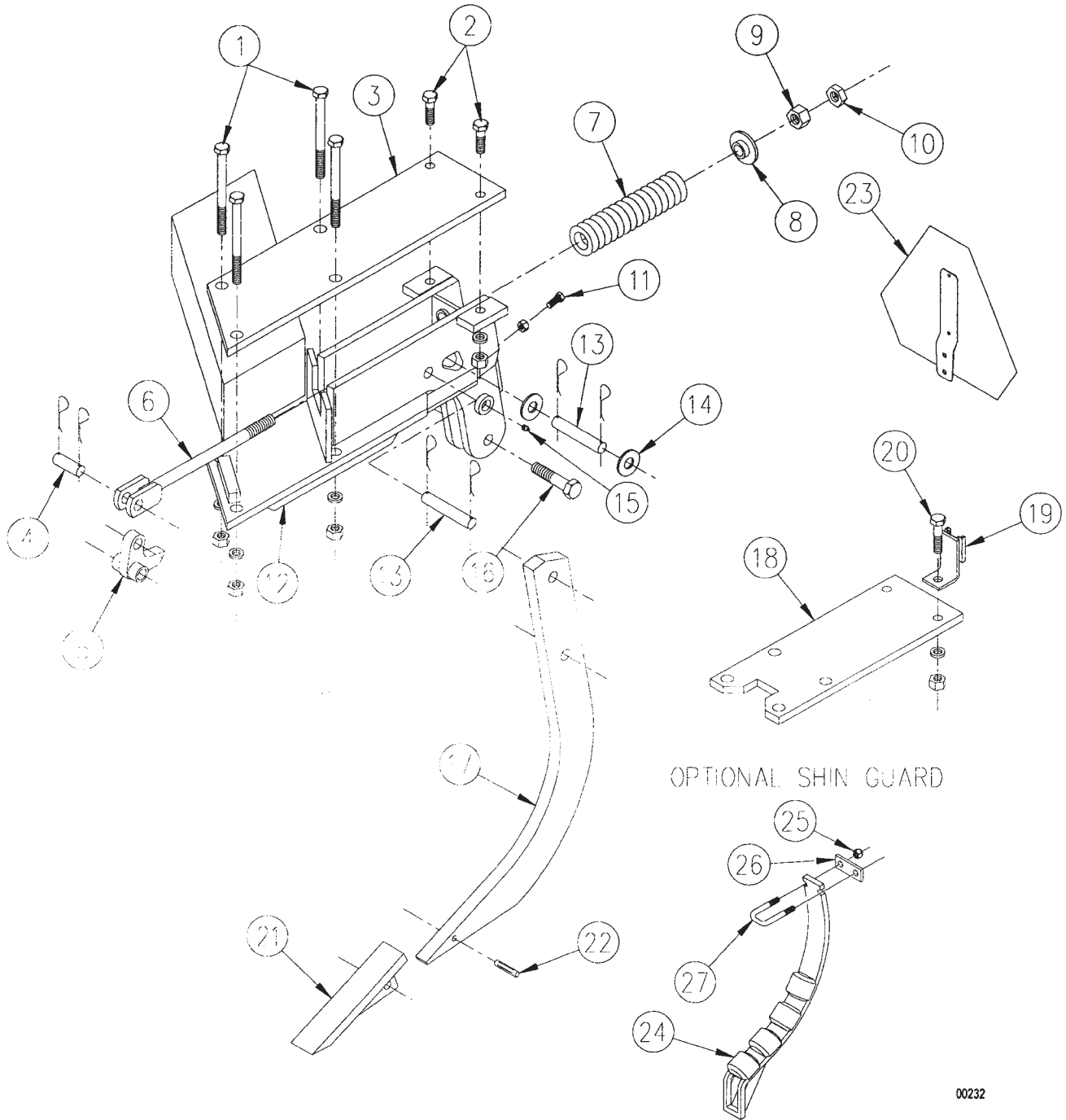
TRASH BAR ASSEMBLY

ITEM	NUMBER	QTY	DESCRIPTION
1	SN1507		1/2" X 3 1/2" HEX BOLT
	SN2096		1/2" LOCK NUT
2	SN3958		FLAT TRASH ARM (BEARING STANDARDS ONLY)
3	SN1345		3/4" X 3" HEX BOLT
	SN1040		3/4" LOCK WASHER
4	SN3087		FLAT TRASH BAR MOUNT
5	SN3088		TRASH ARM
	SN3678		TRASH ARM 13" (BETWEEN GANGS ONLY)
6	SN4971B		C-FLEX SHANK, 1" X 3"
7	SN5372		SHIM, 3/8" THICK
8	SN3096		TRUNNION BEARING MOUNT
9	SN2843		58 1/2" TRASH BAR, 4010
	SN2844		66" TRASH BAR, 4010
	SN2840		73 1/2" TRASH BAR, 4010
	SN3474		81" TRASH BAR, 4010
	SN3476		96" TRASH BAR, 4110
	SN5379		103 1/2" TRASH BAR, 4110

I0000247
PR: t05g29o29b0009

4010 & 4110 COULTER RIPPER
SERVICE PARTS

MANUAL RESET SHANK ASSEMBLY



**4010 & 4110 COULTER RIPPER
SERVICE PARTS**

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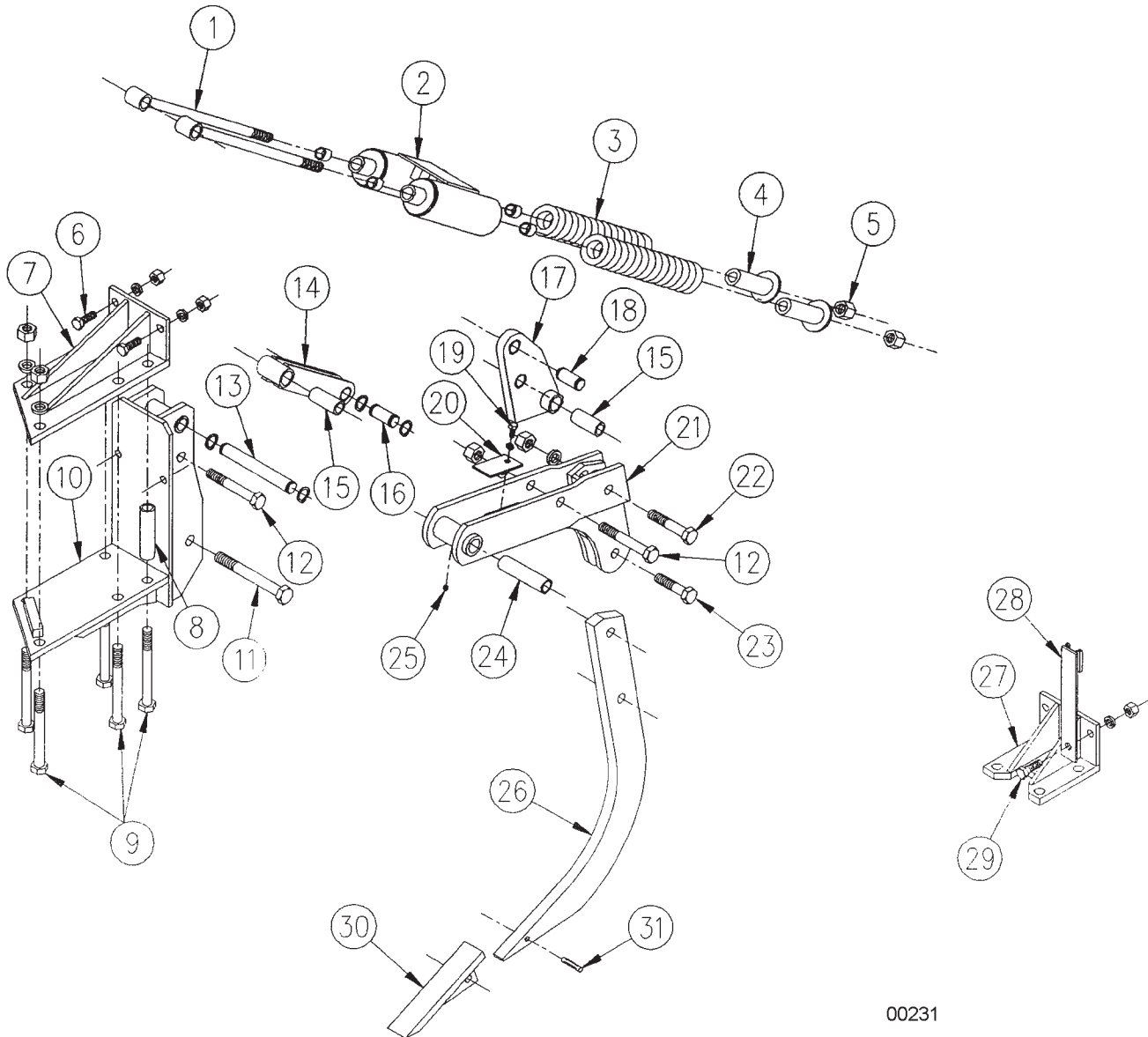
MANUAL RESET SHANK ASSEMBLY

ITEM	NUMBER	QTY	DESCRIPTION
1	SN5081		1" X 9" HEX BOLT
	SN1283		1" LOCK WASHER
	SN110		1" HEX NUT
2	SN1122		3/4" X 2 1/2" HEX BOLT
	SN1040		3/4" LOCK WASHER
	SN106		3/4" HEX NUT
3	SN5391		TOP MOUNTING PLATE, RIGHT & LEFT
4	SN5023		1" X 2 3/4" PIN
	SN1609		3/16" X 1 1/2" COTTER PIN
5	SN5024		SHANK STOP
6	SN5025		SHANK SPRING ROD
7	SN3335		SPRING
8	SN5519		SPRING WASHER
9	SN110		1" HEX NUT
10	SN1849		1" JAM NUT
11	SN1823		1/2" X 1 1/4" HEX BOLT
	SN159		1/2" JAM NUT
12	SN5396		SHANK MOUNT, RIGHT (SHOWN)
	SN5398		SHANK MOUNT, CENTER
	SN5397		SHANK MOUNT, LEFT
13	SN5022		1" X 5 9/16" PIN
	SN1609		3/16" X 1 1/2" COTTER PIN
14	SN245		1" FLAT WASHER
15	SN2098-1		1/8" NPT GREASE ZERK
16	SN5028		1" X 4 1/4" HEX BOLT
	SN3938		1" LOCK NUT
17	SN5202		1 1/4" X 4" X 40" SHANK
18	SN5392		TOP MOUNTING PLATE, CENTER
19	SN5433		SMV BRACKET
20	SN1345		3/4" X 3" HEX BOLT
	SN1040		3/4" LOCK WASHER
	SN106		3/4" HEX NUT
	SN5401		SHANK ASSEMBLY, CENTER (ITEMS 1,2,4 -20)
	SN5399		SHANK ASSEMBLY, RIGHT (ITEMS 1 - 17)
	SN5400		SHANK ASSEMBLY, LEFT (ITEMS 1 - 17)
21	SN5273		POINT, 1" X 2 1/2" X 12"
	SN5274		POINT, 1" X 2 1/2" X 12" W/CHROME CAP
22	SN5089		PIN, 1/2" X 2 1/2" POINT
	SN5288		POINT W/PIN
	SN5289		POINT W/CHROME CAP W/PIN
23	SN7001		SMV EMBLEM
24	SN6276		SHIN GUARD SHANK
25	SN2096		LOCK NUT, 1/2"-13 HEX NYLON INSERT
26	SN6275		CLAMP PLATE
27	SN6277		U-BOLT, 1/2"-13 X 5 1/2" X 1 13/16" W, GR 5, Y/D

I0000232
PR: t05g29o29b0010

4010 & 4110 COULTER RIPPER
SERVICE PARTS

AUTO RESET SHANK ASSEMBLY VERSION 1



00231

**4010 & 4110 COULTER RIPPER
SERVICE PARTS**

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AUTO RESET SHANK ASSEMBLY VERSION 1

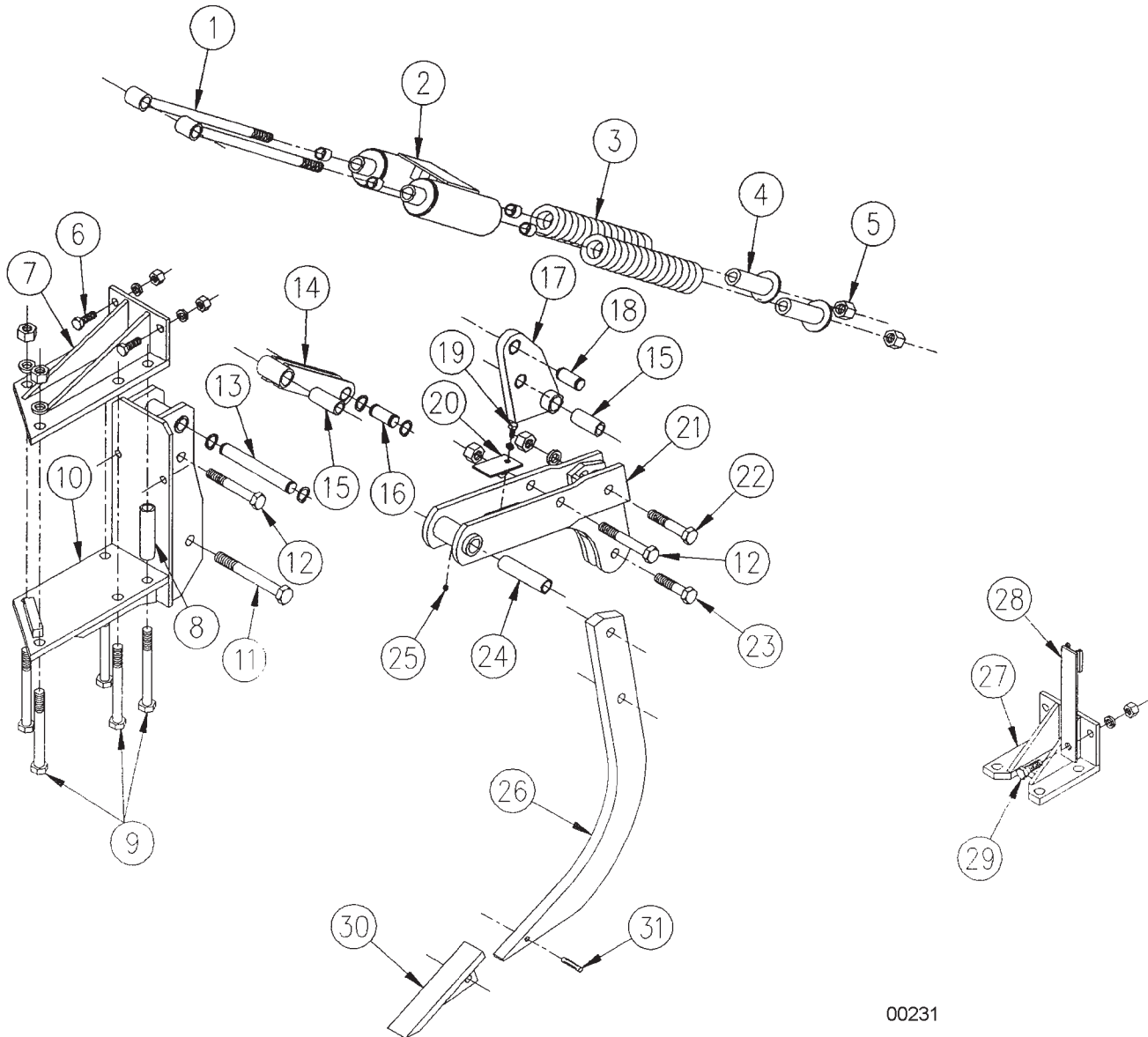
ITEM	NUMBER	QTY	DESCRIPTION
1	SN5066		SPRING ROD
	SN2098-6		1/4"-28 GREASE ZERK, 17/32" LONG
2	SN5068		SPRING BARREL
	SN1946		WEAR BUSHING
	SN2098-6		1/4"-28 GREASE ZERK, 17/32"LONG
3	SN3159		SPRING, 1 7/8" I.D. X 17" L.
4	SN5067		SPRING END
5	SN3938		1" LOCK NUT
6	SN1220		3/4" X 2" HEX BOLT
	SN1040		3/4" LOCK WASHER
	SN106		3/4" HEX NUT
7	SN5362		TOP MOUNTING PLATE, RIGHT (SHOWN)
	SN5363		TOP MOUNTING PLATE, LEFT
8	SN5070		CLAMP BUSHING, 5 7/8" LONG (RIGHT & LEFT ONLY)
9	SN5081		1" X 9" HEX BOLT
	SN1283		1" LOCK WASHER
	SN110		1" HEX NUT
10	SN5365		SHANK MOUNT, RIGHT (SHOWN)
	SN5367		SHANK MOUNT, CENTER
	SN5366		SHANK MOUNT, LEFT
11	SN1357		1 1/8" X 9" HEX BOLT
	SN2561		1 1/8" LOCK WASHER
	SN1300		1 1/8" HEX NUT
12	SN5548		1" X 6 1/2" HEX BOLT
	SN1283		1" LOCK WASHER
	SN110		1" HEX NUT
13	SN5063		1 1/4" X 9 3/4" PIN
	SN5080		1 1/4" SNAP RING
14	SN5072		UPPER TRIP LINK
	SN5077		WEAR BUSHING, 5/8" LONG
	SN2098-6		1/4"-28 GREASE ZERK, 17/32" LONG
15	SN5065		BUSHING, 3 7/16" LONG
16	SN5062		1 1/4" X 2 15/16" PIN
	SN5080		1 1/4" SNAP RING
17	SN5285		LOWER TRIP LINK
	SN1946-1		WEAR BUSHING
	SN2098-6		1/4"-28 GREASE ZERK, 17/32" LONG
18	SN5062		1 1/4" X 2 15/16" PIN

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I0000231
PR: t05g29o29b0011

4010 & 4110 COULTER RIPPER
SERVICE PARTS

AUTO RESET SHANK ASSEMBLY VERSION 1



00231

**4010 & 4110 COULTER RIPPER
SERVICE PARTS**

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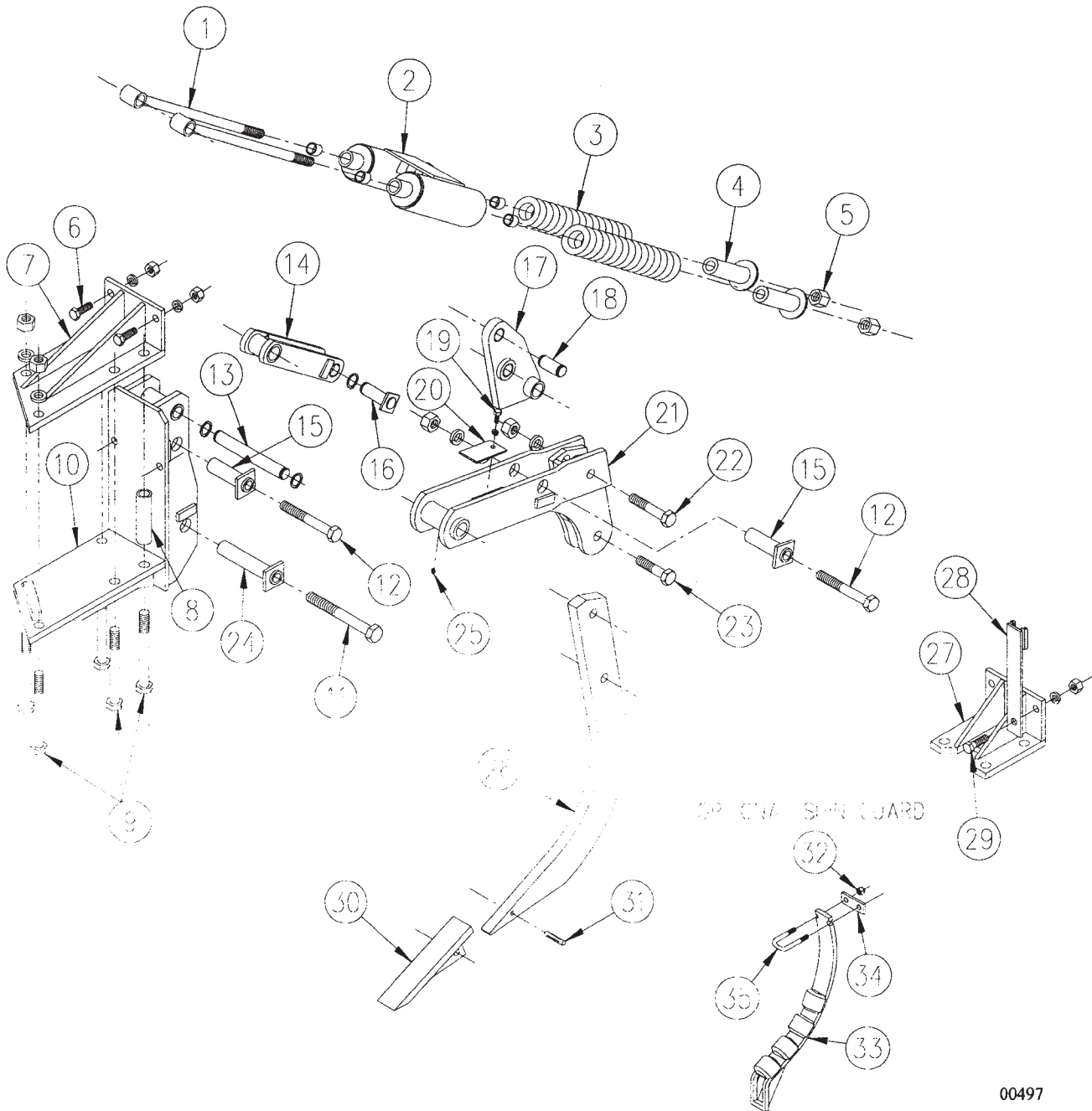
AUTO RESET SHANK ASSEMBLY VERSION 1

ITEM	NUMBER	QTY	DESCRIPTION
19	SNHCS12131		1/2"X 1 HEX BOLT
	SN113		1/2" LOCK WASHER
20	SN5286		SHIM, SHANK HOLDER
21	SN5287		SHANK HOLDER
22	SNFK150013		1" X 5" HEX BOLT
	SN1283		1" LOCK WASHER
	SN110		1" HEX NUT
23	SN1753		1" X 4" HEX BOLT
	SN1283		1" LOCK WASHER
	SN110		1" HEX NUT
24	SN5064		BUSHING, 5 15/16" LONG
25	SN2098-6		1/4"-28 GREASE ZERK, 17/32" LONG
26	SN5202		SHANK, 1 1/4" X 4" X 40"
27	SN5364		TOP MOUNTING PLATE, CENTER
28	SN5432		SMV BRACKET
29	SN2095		3/4" X 2 1/4" HEX BOLT
	SN1040		3/4" LOCK WASHER
	SN106		3/4" HEX NUT
	SN5376		SHANK ASSEMBLY, CENTER (ITEMS 1 -6,9-29)
	SN5377		SHANK ASSEMBLY, RIGHT (ITEMS 1 - 26)
	SN5378		SHANK ASSEMBLY, LEFT (ITEMS 1 - 26)
30	SN5273		POINT, 1" X 2 1/2" X 12"
	SN5274		POINT, 1" X 2 1/2" X 12" W/CHROME CAP
31	SN5089		PIN, 1/2" X 2 1/2" POINT
	SN5288		POINT W/PIN
	SN5289		POINT W/CHROME CAP W/PIN

I0000231
PR: t05g29o29b0011

4010 & 4110 COULTER RIPPER
SERVICE PARTS

AUTO RESET SHANK ASSEMBLY VERSION 2



**4010 & 4110 COULTER RIPPER
SERVICE PARTS**

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AUTO RESET SHANK ASSEMBLY VERSION 2

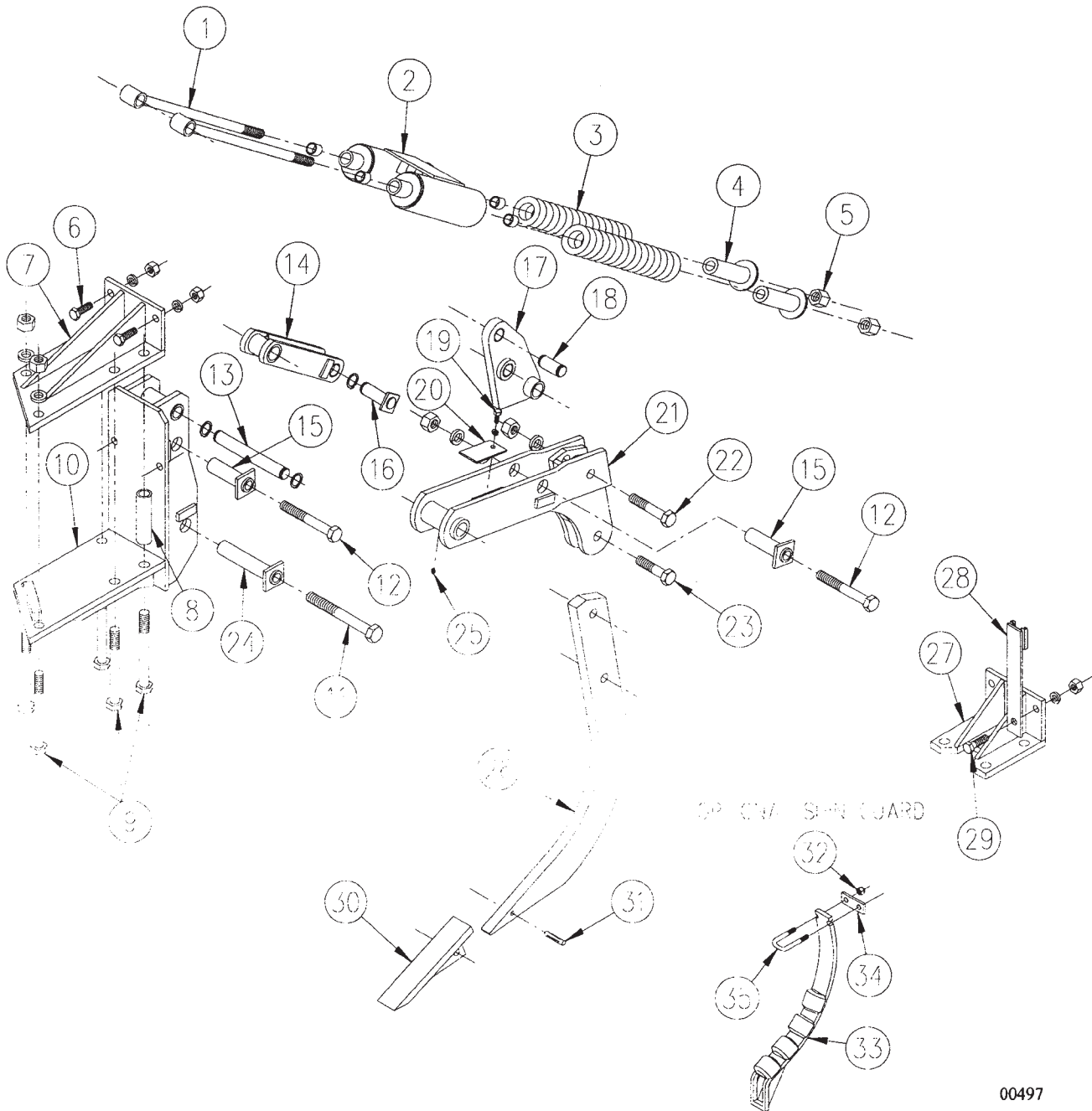
ITEM	NUMBER	QTY	DESCRIPTION
1	SN5066		SPRING ROD
	SN2098-6		1/4"-28 GREASE ZERK, 17/32" LONG
2	SN5068		SPRING BARREL
	SN1946		WEAR BUSHING
	SN2098-6		1/4"-28 GREASE ZERK, 17/32" LONG
3	SN3159		SPRING, 1 7/8" I.D. X 17" L.
4	SN5067		SPRING END
5	SN3938		1" LOCK NUT
6	SN1220		3/4" X 2" HEX BOLT
	SN1040		3/4" LOCK WASHER
	SN106		3/4" HEX NUT
7	SN5362		TOP MOUNTING PLATE, RIGHT (SHOWN)
	SN5363		TOP MOUNTING PLATE, LEFT
8	SN5070		CLAMP BUSHING, 5 7/8" LONG RIGHT & LEFT MOUNT ONLY
9	SN5081		1" X 9" HEX BOLT
	SN1283		1" LOCK WASHER
	SN110		1" HEX NUT
10	SN5654		SHANK MOUNT, RIGHT (SHOWN)
	SN5653		SHANK MOUNT, CENTER
	SN5655		SHANK MOUNT, LEFT
11	SN1357		1 1/8" X 9" HEX BOLT
	SN1038		1 1/8" FLAT WASHER
	SN2561		1 1/8" LOCK WASHER
	SN2087		1 1/8" JAM NUT
12	SN109		1" X 7" HEX BOLT
	SN245		1" FLAT WASHER
	SN1283		1" LOCK WASHER
	SN110		1" HEX NUT
13	SN5063		1 1/4" X 9 3/4" PIN
	SN5080		1 1/4" SNAP RING
14	SN5637		UPPER TRIP LINK
	SN5077		WEAR BUSHING, 1 1/4" I.D. X 1 1/2" O.D., 5/8" LONG
	SN2098-6		1/4"-28 GREASE ZERK, 17/32" LONG
15	SN5660		BUSHING, 5 1/4" LONG, SQ. HEAD
16	SN5636		1 1/4" X 4 1/16" SQ. HEAD PIN
	SN5080		1 1/4" SNAP RING
17	SN5635		LOWER TRIP LINK
	SN1946-1		WEAR BUSHING
	SN2098-6		1/4"-28 GREASE ZERK, 17/32" LONG
18	SN5062		1 1/4" X 2 15/16" PIN
19	SNHCS12131		1/2" X 1 HEX BOLT
	SN113		1/2" LOCK WASHER
20	SN5286		SHIM, SHANK HOLDER
21	SN5659		SHANK HOLDER

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PR: t05g29o29b0012

4010 & 4110 COULTER RIPPER
SERVICE PARTS

AUTO RESET SHANK ASSEMBLY VERSION 2



**4010 & 4110 COULTER RIPPER
SERVICE PARTS**

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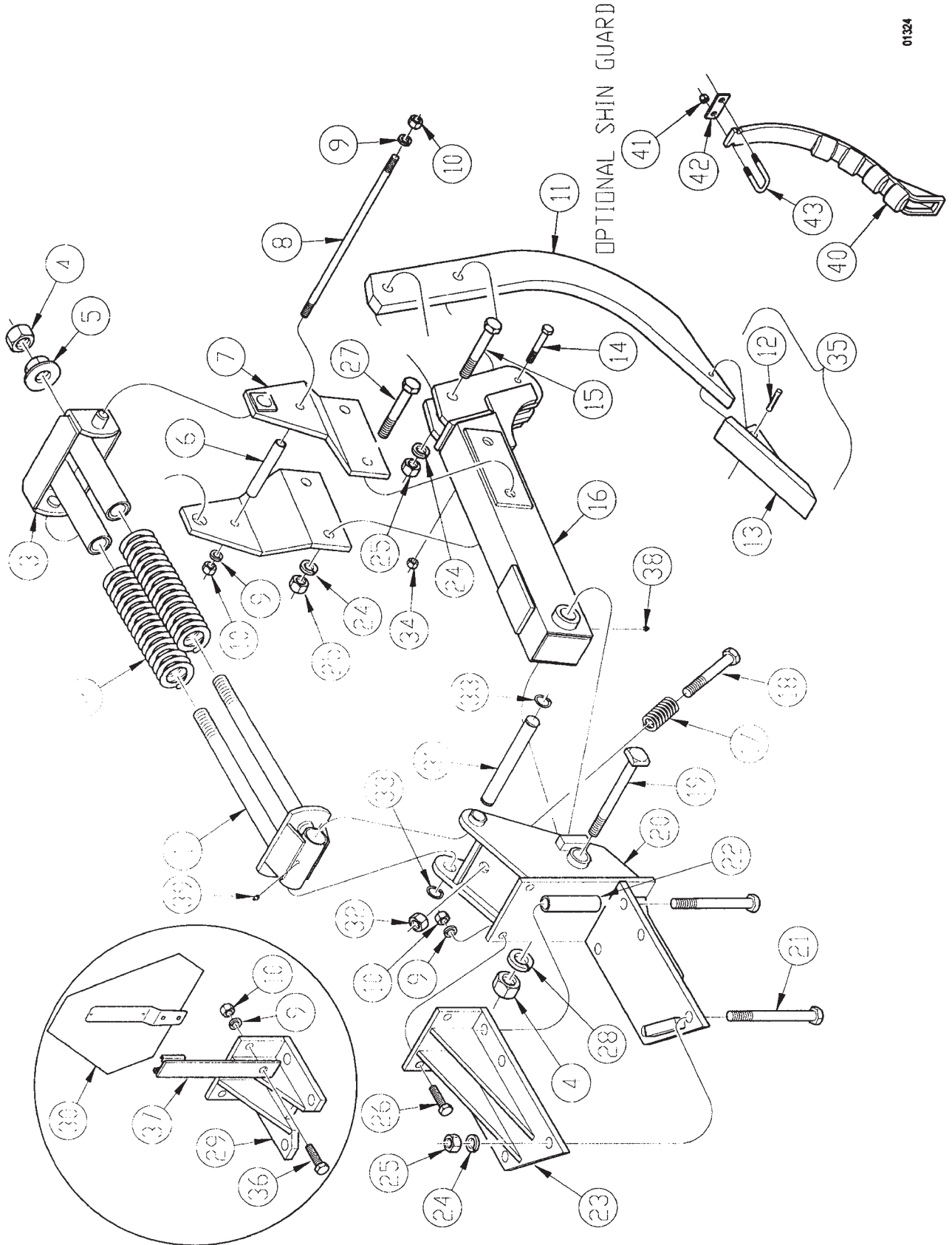
AUTO RESET SHANK ASSEMBLY VERSION 2

ITEM	NUMBER	QTY	DESCRIPTION
22	SNFK150013		1" X 5" HEX BOLT
	SN1283		1" LOCK WASHER
	SN110		1" HEX NUT
23	SN1753		1" X 4" HEX BOLT
	SN1283		1" LOCK WASHER
	SN110		1" HEX NUT
24	SN5661		BUSHING, 7 3/4" LONG, SQ. HEAD
25	SN2098-6		1/4"-28 GREASE ZERK, 17/32" LONG
26	SN5202		SHANK, 1 1/4" X 4" X 40"
27	SN5364		TOP MOUNTING PLATE, CENTER
28	SN5432		SMV BRACKET
29	SN2095		3/4" X 2 1/4" HEX BOLT
	SN1040		3/4" LOCK WASHER
	SN106		3/4" HEX NUT
	SN5656		SHANK ASSEMBLY, CENTER (ITEMS 1 - 6, 9 - 29)
	SN5657		SHANK ASSEMBLY, RIGHT (ITEMS 1 - 26)
	SN5658		SHANK ASSEMBLY, LEFT (ITEMS 1 - 26)
30	SN5273		POINT, 1" X 2 1/2" X 12"
	SN5274		POINT, 1" X 2 1/2" X 12" W/CHROME CAP
31	SN5089		PIN, 1/2" X 2 1/2" POINT
	SN5288		POINT W/PIN
	SN5289		POINT W/CHROME CAP W/PIN
32	SN2096		LOCK NUT, 1/2"-13 HEX NYLON INSERT
33	SN6276		SHIN GUARD SHANK
34	SN6275		CLAMP PLATE
35	SN6277		U-BOLT, 1/2"-13 X 5 1/2" X 1 13/16" W, GR 5, Y/D

I0000497
PR: t05g29o29b0012

4010 & 4110 COULTER RIPPER
SERVICE PARTS

R21 AUTO RESET SHANK ASSEMBLY



**4010 & 4110 COULTER RIPPER
SERVICE PARTS**

35

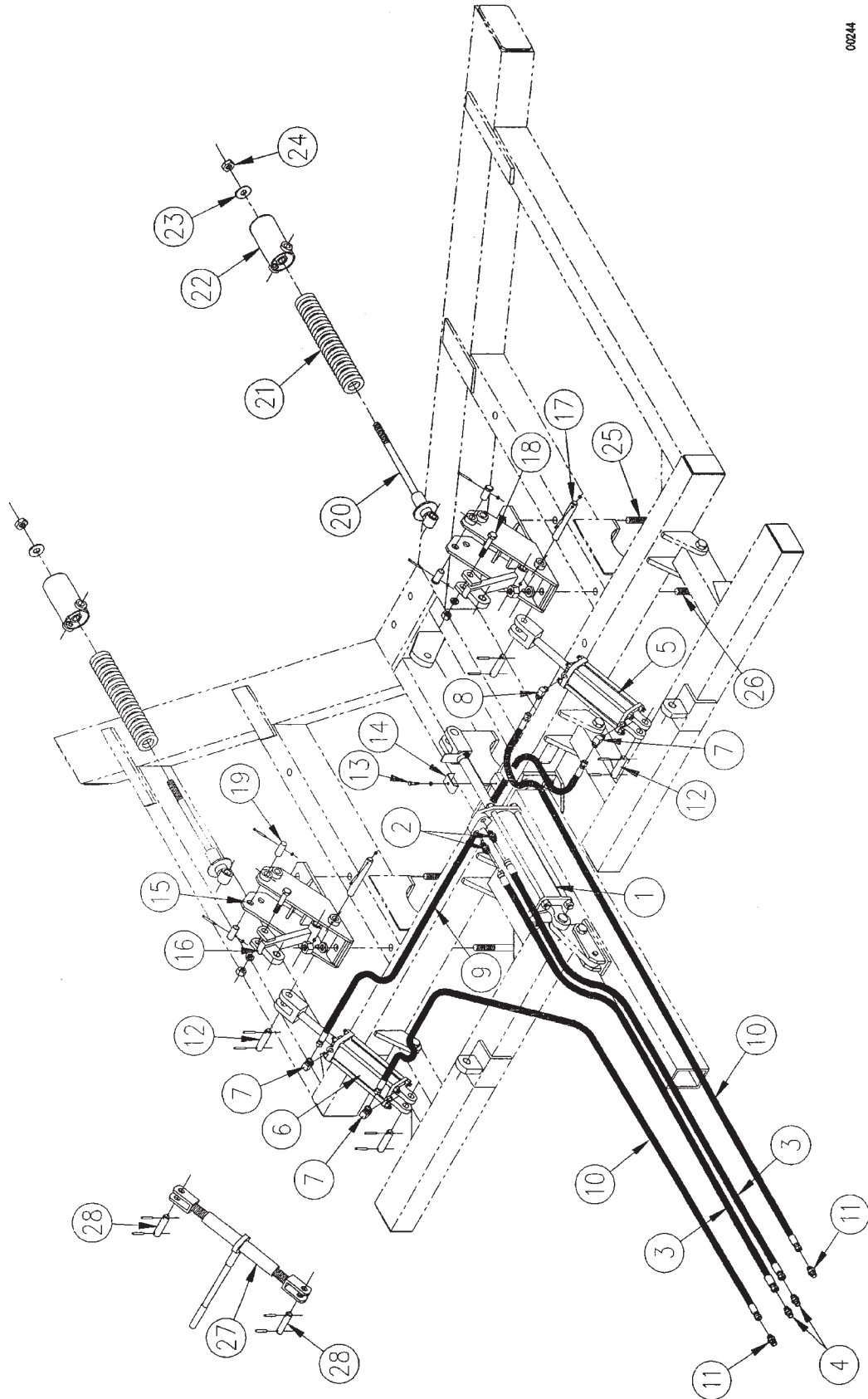
R21 AUTO RESET SHANK ASSEMBLY

ITEM	NUMBER	QTY	DESCRIPTION
1	SN6839		SPRING ROD
2	SN5419		COMPRESSION SPRING, 4.375" O.D. X 2.625" I.D., 17.59" L.
3	SN6842		SPRING BARRELL, DUAL
4	SN2079		1 1/2" JAM NUT
5	SN5425		1 1/2" HEX FLANGE NUT
6	SN6837R		BUSHING, 1.5" O.D. X .813" I.D., 10 5/8" L.
7	SN6836		SPRING PLATE
8	SN6838		3/4" X 14" SPECIAL BOLT
9	SN1040		3/4" LOCK WASHER
10	SN106		3/4" HEX NUT
11	SN5202		SHANK, 1 1/4" X 4" X 40"
12	SN5089		PIN, 1/2" X 2 1/2" POINT
13	SN5273		POINT, 1" X 2 1/2" X 12"
	SN5274		POINT, 1" X 2 1/2" X 12" W/CHROME CAP
14	SN1723		5/8" X 3 1/2" HEX BOLT
15	SN1753		1" X 4" HEX BOLT
16	SN6840		SHANK HOLDER
17	SNFK361002		ADJUSTING ROD SPRING - UPPER
18	SN1678		1" X 4 1/2" HEX BOLT
19	SN6841		1 1/2" X 10 1/2" SQ. HEAD BOLT
20	SN6833		SHANK MOUNT, RIGHT (SHOWN)
	SN6835		SHANK MOUNT, CENTER
	SN6834		SHANK MOUNT, LEFT
21	SN5081		1" X 9" HEX BOLT
22	SN5070		CLAMP BUSHING, 5 7/8" LONG RIGHT & LEFT MOUNT ONLY
23	SN5362		TOP MOUNTING PLATE, RIGHT (SHOWN)
	SN5363		TOP MOUNTING PLATE, LEFT
24	SN1283		1" LOCK WASHER
25	SN110		1" HEX NUT
26	SN1220		3/4" X 2 HEX BOLT
27	SN1697		1" X 7 1/2" HEX BOLT
28	SN2085		1 1/2" LOCK WASHER
29	SN5364		TOP MOUNTING PLATE, CENTER
30	SN7001		SMV EMBLEM
31	SN5063		1 1/4" X 9 3/4" PIN
32	SN3938		1" LOCK NUT
33	SN5080		1 1/4" SNAP RING
34	SN669-1		5/8" LOCK NUT
35	SN5288		POINT W/PIN
	SN5289		POINT W/CHROME CAP W/PIN
36	SN2095		3/4" X 2 1/4" HEX BOLT
37	SN5432		SMV BRACKET
38	SN2098-5		GREASE ZERK, 1/8" NPTF, 1 1/4" L.
39	SN2098-1		GREASE ZERK, 1/8" NPTF, 5/8" L.
40	SN6276		SHIN GUARD SHANK
41	SN2096		LOCK NUT, 1/2"-13 HEX NYLON INSERT
42	SN6275		CLAMP PLATE
43	SN6277		U-BOLT, 1/2"-13 X 5 1/2" X 1 13/16" W, GR 5, Y/D
	SN6845		SHANK ASSEMBLY, CENTER (ITEMS 1-11, 14-21, 24-29, 31-34, 36, 37)
	SN6843		SHANK ASSEMBLY, RIGHT (ITEMS 1-11, 14-28, 31-34)
	SN6844		SHANK ASSEMBLY, LEFT (ITEMS 1-11, 14-28, 31-34)

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PR: t05g29o29b0013

4010 & 4110 COULTER RIPPER SERVICE PARTS

4010 & 4110 HYDRAULIC SYSTEM



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**4010 & 4110 COULTER RIPPER
SERVICE PARTS**

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4010 & 4110 HYDRAULIC SYSTEM

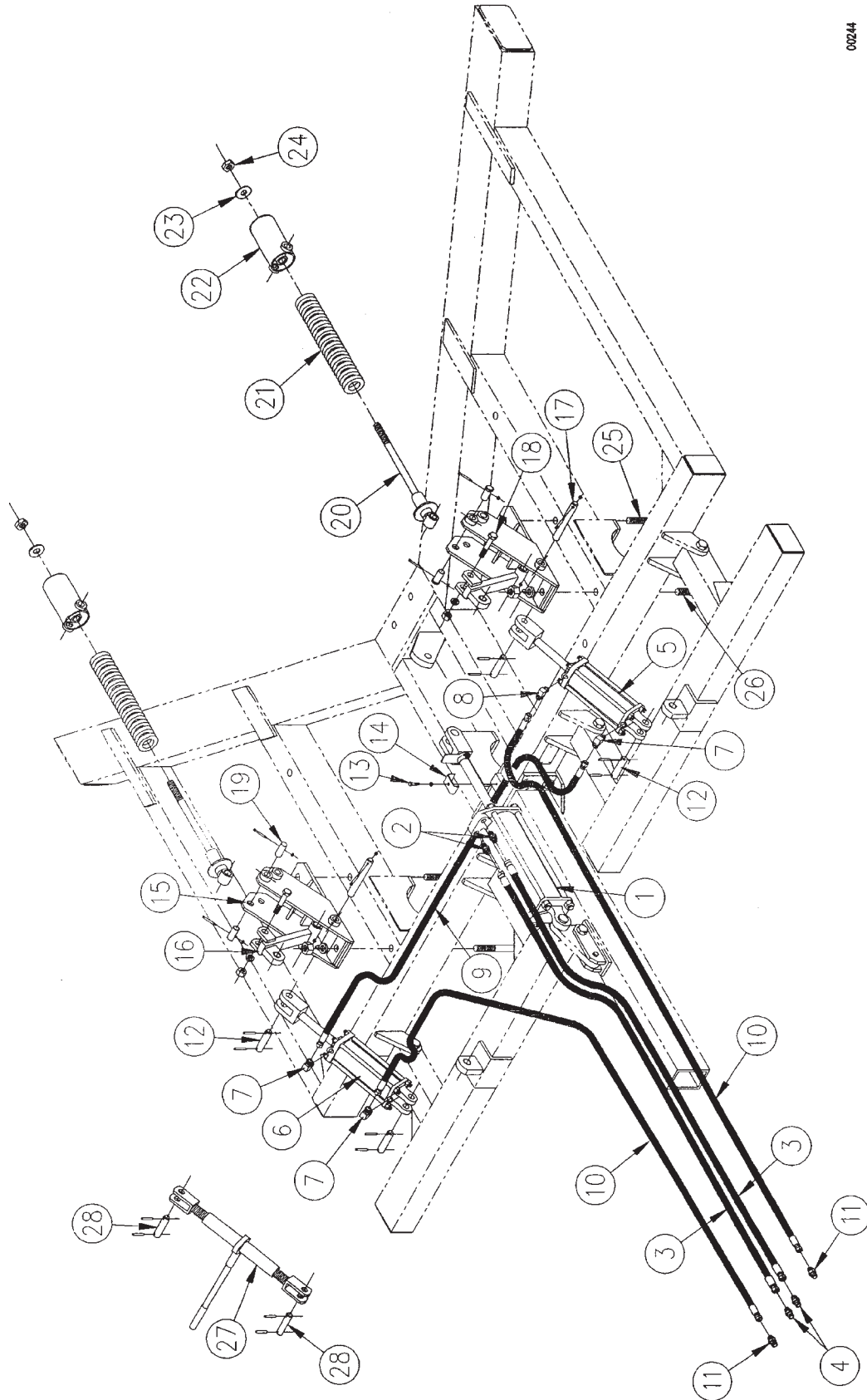
ITEM	NUMBER	QTY	DESCRIPTION
1	SN4441		4" X 16" CYLINDER W/STROKE CONTROL CROSS (*VERSION 1, PRIOR TO 9/16/03)
	SN12048		CYLINDER, 4" X 16" W/STR CON CROSS, 3000 PSI (*VERSION 2, 9/16/03 & LATER)
2	SN4464		STRAIGHT THREAD CONNECTOR, 7/8"-14 M.F. X 3/4"-16 O.R.
3	SN4150005		1/2" X 150" LONG HOSE, FEMALE ENDS
4	SN2426		MALE CONNECTOR, 7/8"-14 M.F. X 1/2"-14 M.P.T.
5	SN4438		3 3/4" X 8" SLAVE CYLINDER (20 1/4" CPC) CROSS (*VERSION 1, PRIOR TO 6/27/03)
	SN12059		CYLINDER, 3 3/4" X 8" SLAVE CROSS, 3000 PSI (*VERSION 2, 6/27/03 & LATER)
6	SN4437		4" X 8" MASTER W/O STROKE CONTROL CROSS (*VERSION 1, PRIOR TO 8/12/03)
	SN12047		4" X 8" MASTER W/O STR CON CROSS, 3000 PSI (*VERSION 2, 8/12/03 & LATER)
7	SN4454		90 DEG. STRAIGHT THREAD ELBOW, 3/4"-16 M.F. X 3/4"-16 O.R.
8	SN4455		90 DEG. STRAIGHT THREAD ELBOW, 3/4"-16 M.F. X 3/4"-16 O.R. WITH 1/16" RESTRICTOR
9	SN4090002		3/8" X 90 LONG HOSE, FEMALE ENDS
10	SN4168002		3/8" X 168 LONG HOSE, FEMALE ENDS
11	SN2425		MALE CONNECTOR, 3/4"-16 M.F. X 1/2"-14 M.P.T.
12	SN5339		1" X 4 1/16" PIN
	SN3164		5/16" X 2" ROLL PIN
13	SN175		3/8" X 1 1/2" HEX BOLT
	SN176		3/8" LOCK WASHER
14	SN2339		BRACKET CLAMP
15	SN3478		SPRING COULTER CYLINDER MOUNT
16	SN3479		CYLINDER MOUNT PIVOT
	SN2098-4		GREASE ZERK, 1/8" NPT 90 DEG.
17	SN3163		1" X 7 1/2" TRIP SHANK PIN
	SN3880		5/16" X 1 3/4" SHOULDER BOLT
	SN3881		1/4" NYLON LOCK NUT
18	SN1753		1" X 4" HEX BOLT
	SN1283		1" LOCK WASHER
	SN1849		1" JAM NUT

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I0000244
PR: t05g29o29b0014

4010 & 4110 COULTER RIPPER
SERVICE PARTS

4010 & 4110 HYDRAULIC SYSTEM



00244

**4010 & 4110 COULTER RIPPER
SERVICE PARTS**

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4010 & 4110 HYDRAULIC SYSTEM

ITEM	NUMBER	QTY	DESCRIPTION
19	SN3161		1" X 2 1/4" CLEVIS PIN
	SN3880		5/16" X 1 3/4" SHOULDER BOLT
	SN3881		1/4" NYLON LOCK NUT
20	SN3160		SPRING ADJUSTING BOLT
21	SN5388		SPRING, 1 7/8" I.D. X 17" LONG, 9/16" DIA. - 4010
	SN3159		SPRING, 1 7/8" I.D. X 17" LONG, 11/16" DIA. - 4110
22	SN3158		SPRING BARREL
	SN1946		WEAR BUSHING
23	SN245		1" FLAT WASHER
24	SN3938		1" LOCK NUT
	SN5389		SPRING AND BARREL ASSEMBLY - 4010 (ITEMS 20 - 24)
	SN3939		SPRING AND BARREL ASSEMBLY - 4110 (ITEMS 20 - 24)
	SN5390		SPRING CYLINDER MOUNT ASSEMBLY - 4010 (ITEMS 15 - 24)
25	SN3480		SPRING CYLINDER MOUNT ASSY. - 4110 (ITEMS 15 - 24)
	SN3485		1" X 8" HEX BOLT
	SN1283		1" LOCK WASHER
26	SN110		1" HEX NUT
	SN2316		1" X 8 1/2" HEX BOLT
	SN1283		1" LOCK WASHER
27	SN110		1" HEX NUT
	SN2893		RATCHET JACK ASSEMBLY
	SN3785		HANDLE, RATCHET JACK
28	SN5385		1" X 3" PIN
	SN3164		5/16" X 2" ROLL PIN

I0000244
PR: t05g29o29b0014

**4010 & 4110 COULTER RIPPER
SERVICE PARTS**

41

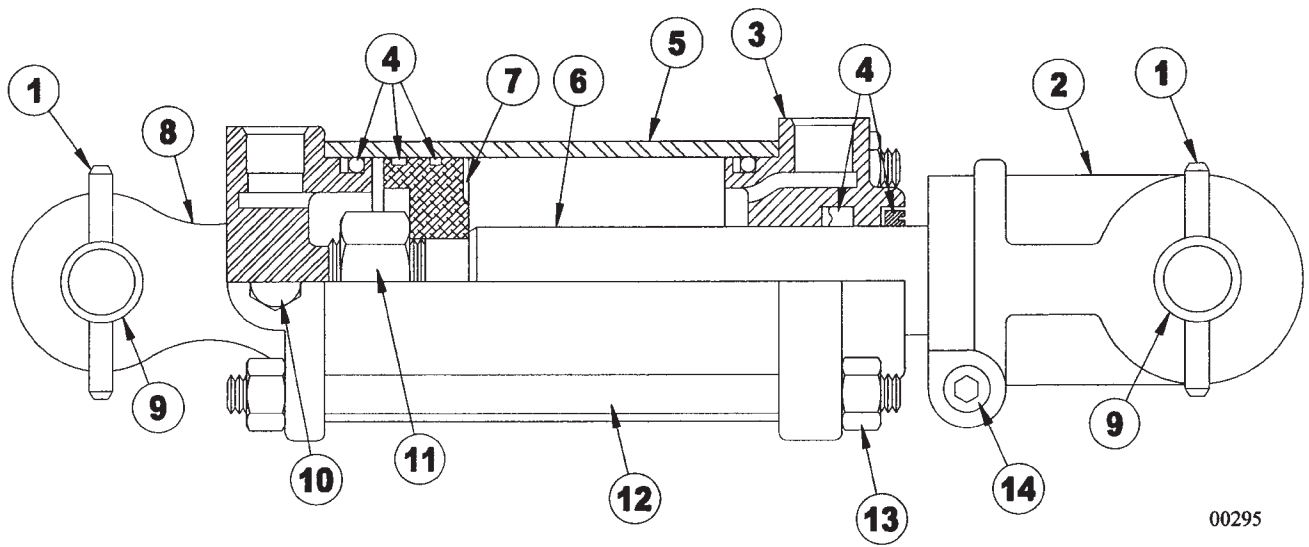
SAFETY AND IDENTIFICATION DECALS

ITEM	NUMBER	QTY	DESCRIPTION
1	SN997002		SUNFLOWER DECAL
2	SN997246		FEMA SYMBOL
3	SN997041		AMBER REFLECTIVE TAPE
4	SN997237		4010 SERIES NUMBER
	SN997238		4110 SERIES NUMBER
5	SN997040		RED REFLECTIVE TAPE
6	SN997792		DECAL-WARNING, READ OPERATOR'S MANUAL
7	SN997078		WARNING - MECH. OR HYD. FAILURE
8	SN997052		IMPORTANT - REPHASING HYDRAULIC SYSTEM
9			SERIAL NUMBER PLATE
10	SN997048		CAUTION - TOWING HAZARD
11	SN997311		WARNING - HIGH-PRESSURE FLUID HAZARD
12	SN997263		TILLAGE PROMOTES SAFER ENVIRONMENT
13	SN997060		C-FLEX DECAL
14	SN997479		IMPORTANT - HEAT TREATED SHANK

I0000253
PR: t05g29o29b0015

4010 & 4110 COULTER RIPPER
SERVICE PARTS

3 3/4" X 8" CROSS SLAVE CYLINDER
(VERSION 1, PRIOR TO 6/27/03)



00295

**4010 & 4110 COULTER RIPPER
SERVICE PARTS**

43

**3 3/4" X 8" CROSS SLAVE CYLINDER
(VERSION 1,PRIOR TO 6/27/03)**

ITEM	NUMBER	QTY	DESCRIPTION
1	SN3164		5/16" X 2" ROLL PIN
2	SN8610-1		CLEVIS, 1 1/4" THREADS, 1" PIN W/BUSHING
3	SN8736-10		HEAD, 3 3/4", 1 3/8" ROD
4	SN8776-1		SEAL KIT, 3 3/4", 1 3/8" ROD
5	SN8827-1		TUBE, 3 3/4" X 8"
6	SN8898-1		1 3/8" ROD
7	SN8717-1		PISTON, 3 3/4" W/1" HOLE
8	SN8698-10		BASE, 3 3/4" REPHASING
9	SN5339		PIN, 1" X 4 1/16"
10	SN4458		PLUG, 3/4"-16 O.R.
11	SN8683-1		PISTON NUT, 1"
12	SN8851-1		TIE ROD BOLT
13	SN8864-1		TIE ROD NUT
14	SN8631-1		CAPSCREW
	SN8671-1		CAPSCREW NUT
	SN4438		3 3/4" X 8" CROSS SLAVE CYLINDER (VERSION 1)

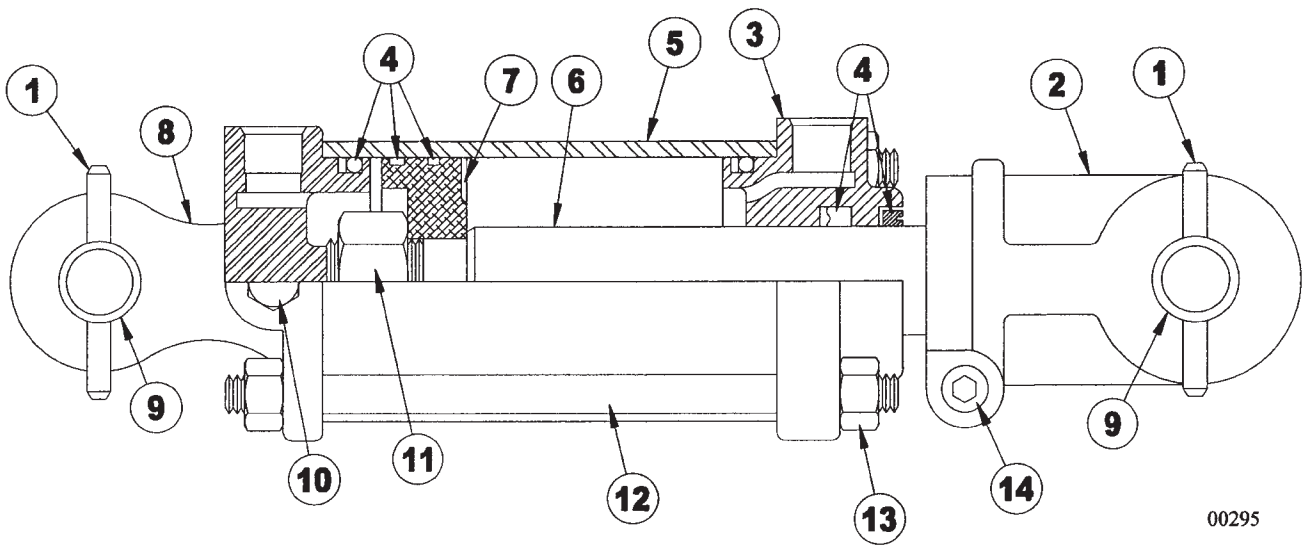
NOTE: WHEN ORDERING HYDRAULIC CYLINDER COMPONENTS, BE SURE TO NOTE THE PART NUMBER AND THE CYLINDER PSI. (LOCATED ON THE CYLINDER DECAL) AS THEY CONTAIN DIFFERENT COMPONENTS. OLDER CYLINDERS WERE 2500 PSI. AND THE NEWER CYLINDERS ARE 3000 PSI. IDENTIFYING THE PART # OF THE CYLINDER IS EXTREMELY IMPORTANT WHEN ORDERING PARTS TO ENSURE PROPER OPERATION OF THE HYDRAULIC CYLINDER.

NOTE: INDIVIDUAL SEALS CANNOT BE ORDERED

I0000295
PR: t05g29o29b0016

4010 & 4110 COULTER RIPPER
SERVICE PARTS

3 3/4" X 8" CROSS SLAVE CYLINDER
(VERSION 2, 6/27/03 & LATER)



00295

**4010 & 4110 COULTER RIPPER
SERVICE PARTS**

45

**3 3/4" X 8" CROSS SLAVE CYLINDER
(VERSION 2, 6/27/03 & LATER)**

ITEM	NUMBER	QTY	DESCRIPTION
1	SN3164		5/16" X 2 ROLL PIN
2	SN8610-1		CLEVIS, 1 1/4" THREADS, 1" PIN W/BUSHING
3	SN8736-10		HEAD, 3 3/4", 1 3/8" ROD
4	SN8776-1		SEAL KIT, 3 3/4", 1 3/8" ROD
5	SN8827-1		TUBE, 3 3/4" X 8"
6	SN12055		1 3/8" ROD
7	SN8655-1		PISTON, 3 3/4" W/1" HOLE
8	SN8656-10		BASE, 3 3/4" REPHASING
9	SN5339		PIN, 1" X 4 1/16"
10	SN4458		PLUG, 3/4"-16 O.R.
11	SN8683-1		PISTON NUT, 1"
12	SN12033		TIE ROD BOLT
13	SN8864-1		TIE ROD NUT
14	SN8631-1		CAPSCREW
	SN8671-1		CAPSCREW NUT
	SN12059		CYLINDER, 3 3/4" X 8" SLAVE, 3000 PSI (VERSION 2)

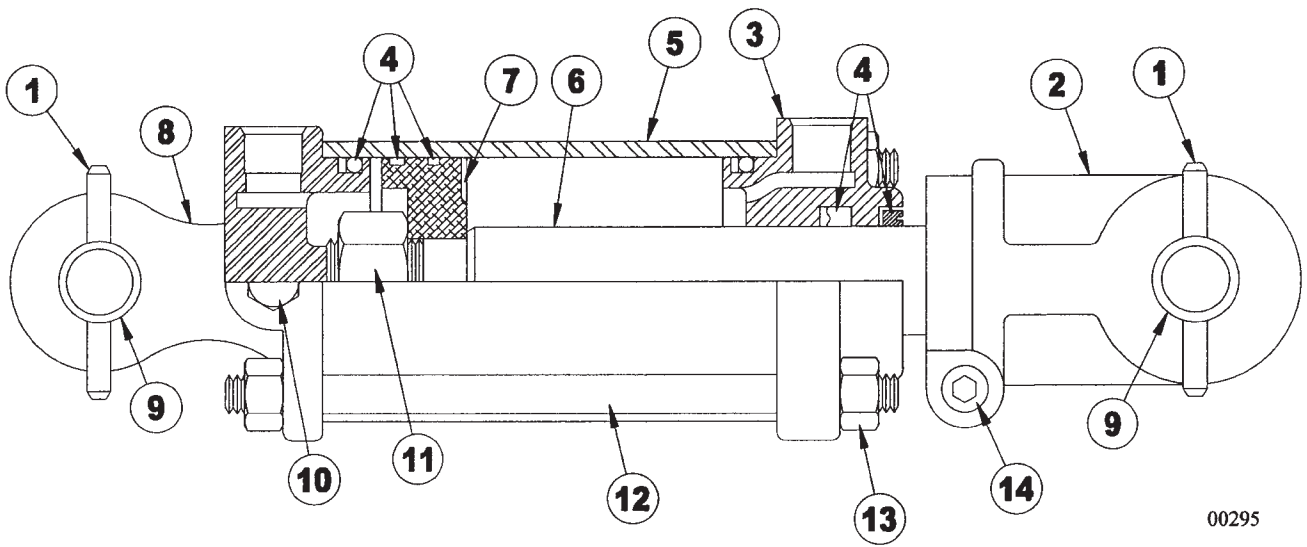
NOTE: WHEN ORDERING HYDRAULIC CYLINDER COMPONENTS, BE SURE TO NOTE THE PART NUMBER AND THE CYLINDER PSI. (LOCATED ON THE CYLINDER DECAL) AS THEY CONTAIN DIFFERENT COMPONENTS. OLDER CYLINDERS WERE 2500 PSI. AND THE NEWER CYLINDERS ARE 3000 PSI. IDENTIFYING THE PART # OF THE CYLINDER IS EXTREMELY IMPORTANT WHEN ORDERING PARTS TO ENSURE PROPER OPERATION OF THE HYDRAULIC CYLINDER.

NOTE: INDIVIDUAL SEALS CANNOT BE ORDERED

I0000295
PR: t05g29o29b0017

4010 & 4110 COULTER RIPPER
SERVICE PARTS

4" X 8" CROSS MASTER CYLINDER
(VERSION 1, PRIOR TO 8/12/03)



00295

**4010 & 4110 COULTER RIPPER
SERVICE PARTS**

47

**4" X 8" CROSS MASTER CYLINDER
(VERSION 1, PRIOR TO 8/12/03)**

ITEM	NUMBER	QTY	DESCRIPTION
1	SN3164		5/16" X 2" ROLL PIN
2	SN8610-1		CLEVIS, 1 1/4" THREADS, 1" PIN W/BUSHING
3	SN8739-10		HEAD, 4", 1 3/8" ROD
4	SN8781-1		SEAL KIT, 4", 1 3/8" ROD
5	SN8830-1		TUBE, 4" X 8"
6	SN8898-1		1 3/8" ROD
7	SN8718-1		PISTON, 4" W/1" HOLE
8	SN8699-10		BASE, 4" REPHASING
9	SN5339		1" X 4 1/16" PIN
10	SN4458		PLUG, 3/4"-16 O.R.
11	SN8683-1		PISTON NUT, 1"
12	SN8851-1		TIE ROD BOLT
13	SN8864-1		TIE ROD NUT
14	SN8631-1		CAPSCREW
	SN8671-1		CAPSCREW NUT
	SN4437		4" X 8" CROSS MASTER CYLINDER W/O STROKE CONTROL (VERSION 1)

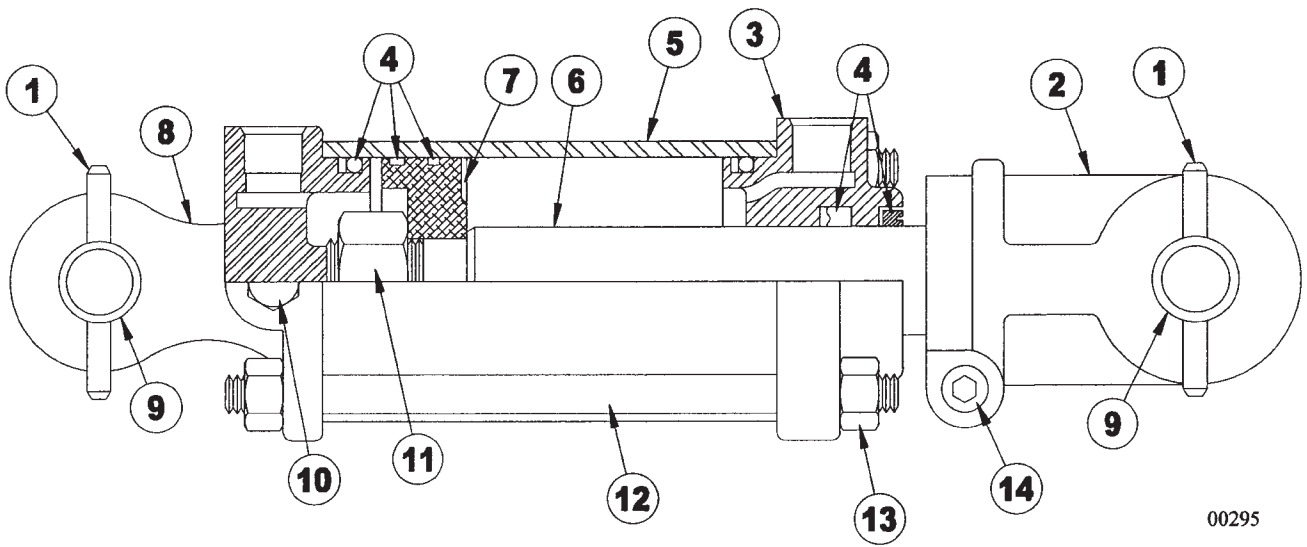
NOTE: WHEN ORDERING HYDRAULIC CYLINDER COMPONENTS, BE SURE TO NOTE THE PART NUMBER AND THE CYLINDER PSI. (LOCATED ON THE CYLINDER DECAL) AS THEY CONTAIN DIFFERENT COMPONENTS. OLDER CYLINDERS WERE 2500 PSI. AND THE NEWER CYLINDERS ARE 3000 PSI. IDENTIFYING THE NUMBER OF THE CYLINDER IS EXTREMELY IMPORTANT WHEN ORDERING PARTS TO ENSURE PROPER OPERATION OF THE HYDRAULIC CYLINDER.

NOTE: INDIVIDUAL SEALS CANNOT BE ORDERED

I0000295
PR: t05g29o29b0018

4010 & 4110 COULTER RIPPER
SERVICE PARTS

4" X 8" CROSS MASTER CYLINDER
(VERSION 2, 8/12/03 & LATER)



00295

**4010 & 4110 COULTER RIPPER
SERVICE PARTS**

49

**4" X 8" CROSS MASTER CYLINDER
(VERSION 2, 8/12/03 & LATER)**

ITEM	NUMBER	QTY	DESCRIPTION
1	SN3164		5/16" X 2" ROLL PIN
2	SN8610-1		CLEVIS, 1 1/4" THREADS, 1" PIN W/BUSHING
3	SN8739-10		HEAD, 4", 1 3/8" ROD
4	SN8781-1		SEAL KIT, 4", 1 3/8" ROD
5	SN8830-1		TUBE, 4" X 8"
6	SN12055		1 3/8" ROD
7	SN8653-1		PISTON, 4" W/1" HOLE
8	SN8670-10		BASE, 4" REPHASING
9	SN5339		1" X 4 1/16" PIN
10	SN4458		PLUG, 3/4"-16 O.R.
11	SN8683-1		PISTON NUT, 1"
12	SN12033		TIE ROD BOLT
13	SN8864-1		TIE ROD NUT
14	SN8631-1		CAPSCREW
	SN8671-1		CAPSCREW NUT
	SN12047		CYLINDER, 4" X 8" MASTER W/O STR CONCROSS 3000 PSI (VERSION 2)

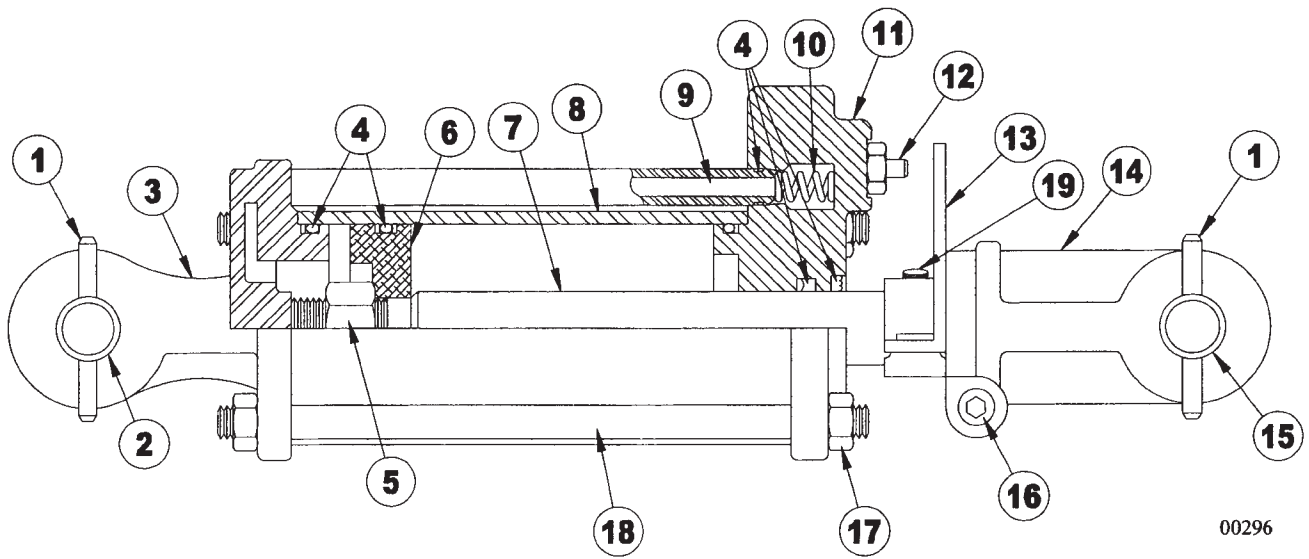
NOTE: WHEN ORDERING HYDRAULIC CYLINDER COMPONENTS, BE SURE TO NOTE THE PART NUMBER AND THE CYLINDER PSI. (LOCATED ON THE CYLINDER DECAL) AS THEY CONTAIN DIFFERENT COMPONENTS. OLDER CYLINDERS WERE 2500 PSI. AND THE NEWER CYLINDERS ARE 3000 PSI. IDENTIFYING THE NUMBER OF THE CYLINDER IS EXTREMELY IMPORTANT WHEN ORDERING PARTS TO ENSURE PROPER OPERATION OF THE HYDRAULIC CYLINDER.

NOTE: INDIVIDUAL SEALS CANNOT BE ORDERED

I0000295
PR: t05g29o29b0019

4010 & 4110 COULTER RIPPER
SERVICE PARTS

4" X 16" CROSS LIFT CYLINDER
(VERSION 1, PRIOR TO 9/16/03)



00296

**4010 & 4110 COULTER RIPPER
SERVICE PARTS**

51

**4" X 16" CROSS LIFT CYLINDER
(VERSION 1, PRIOR TO 9/16/03)**

ITEM	NUMBER	QTY	DESCRIPTION
1	SN3164		5/16" X 2" ROLL PIN
2	SN5340		1 1/4" X 4 1/16" PIN
3	SN8693-10		BASE, 4"
4	SN8779-1		SEAL KIT, 4", 1 3/4" ROD
5	SN8683-1		PISTON NUT, 1"
6	SN8713-1		PISTON, 4" W/1" HOLE
7	SN8915-1		1 3/4" ROD
8	SN8833-1		TUBE, 4" X 16"
9	SN8634-1		FEED TUBE
10	SN8635-1		SPRING
11	SN8746-10		HEAD, 4", 1 3/4" ROD
12	SN8636-1		CARTRIDGE ASSEMBLY
13	SN8640-1		ACTUATOR ASSEMBLY
14	SN8619-1		CLEVIS, 1 1/4" THREADS
15	SN5339		1" X 4 1/16" PIN
16	SN8631-1		CAPSCREW
	SN8671-1		CAPSCREW NUT
17	SN8864-1		TIE ROD NUT
18	SN8843-1		TIE ROD BOLT
	SN4441		4" X 16" CROSS W/STROKE CONTROL (VERSION 1)

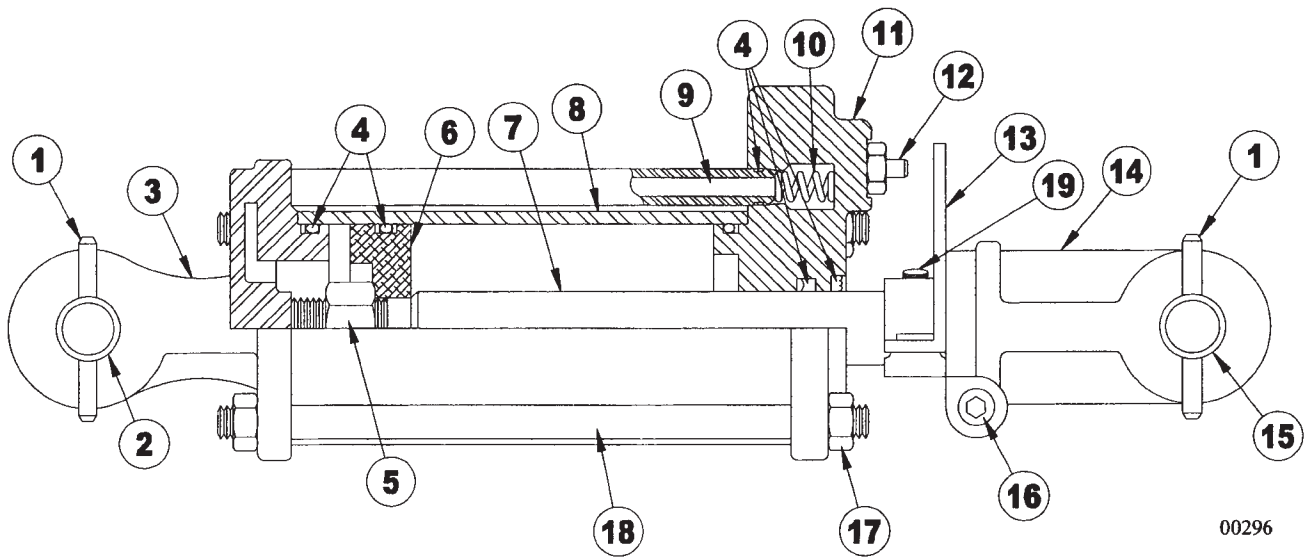
NOTE: WHEN ORDERING HYDRAULIC CYLINDER COMPONENTS, BE SURE TO NOTE THE PART NUMBER AND CYLINDER PSI. (LOCATED ON THE CYLINDER DECAL) AS THEY CONTAIN DIFFERENT COMPONENTS. OLDER CYLINDERS WERE 2500 PSI AND THE NEWER CYLINDERS ARE 3000 PSI. IDENTIFYING THE PART NUMBER OF THE CYLINDER IS EXTREMELY IMPORTANT WHEN ORDERING PARTS TO ENSURE PROPER OPERATION OF THE HYDRAULIC CYLINDER.

NOTE: INDIVIDUAL SEALS CANNOT BE ORDERED

I0000296
PR: t05g29o29b0020

4010 & 4110 COULTER RIPPER
SERVICE PARTS

4" X 16" CROSS LIFT CYLINDER
(VERSION 2, 9/16/03 & LATER)



00296

**4010 & 4110 COULTER RIPPER
SERVICE PARTS**

53

**4" X 16" CROSS LIFT CYLINDER
(VERSION 2, 9/16/03 & LATER)**

ITEM	NUMBER	QTY	DESCRIPTION
1	SN3164		5/16" X 2" ROLL PIN
2	SN5340		1 1/4" X 4 1/16" PIN
3	SN8693-10		BASE, 4"
4	SN8779-1		SEAL KIT, 4", 1 3/4" ROD
5	SN8683-1		PISTON NUT, 1"
6	SN12054		PISTON, 4" W/1" HOLE
7	SN8915-1		1 3/4" ROD
8	SN8833-1		TUBE, 4" X 16"
9	SN8634-1		FEED TUBE
10	SN8635-1		SPRING
11	SN8746-10		HEAD, 4", 1 3/4" ROD
12	SN8636-1		CARTRIDGE ASSEMBLY
13	SN8643-1		ACTUATOR ASSEMBLY
14	SN8619-1		CLEVIS, 1 1/4" THREADS
15	SN5339		1" X 4 1/16" PIN
16	SN8631-1		CAPSCREW
	SN8671-1		CAPSCREW NUT
17	SN8864-1		TIE ROD NUT
18	SN12053		TIE ROD BOLT
	SN12048		CYLINDER, 4" X 16" W/STR CROSS, 3000 PSI (VERSION 2)

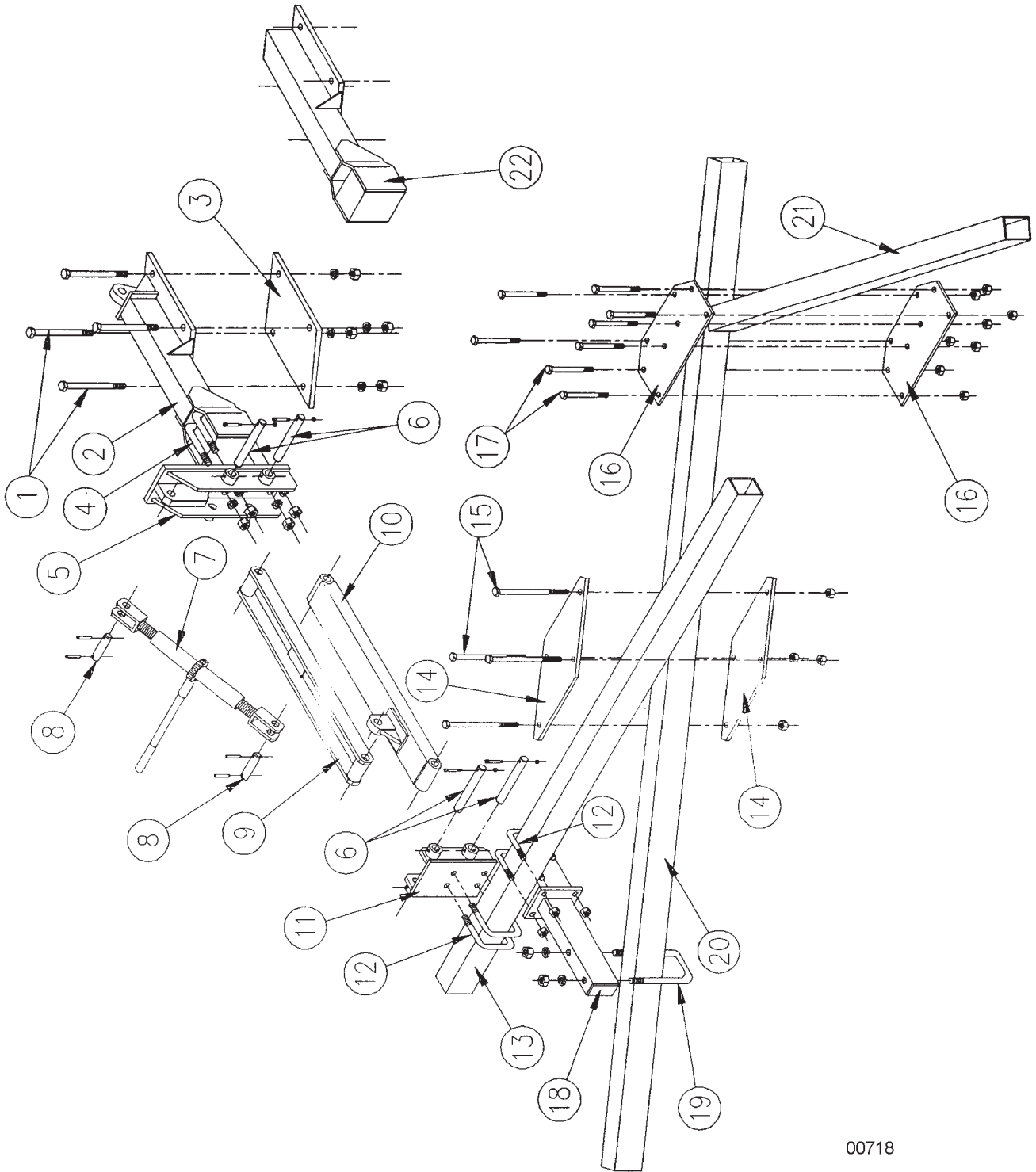
NOTE: WHEN ORDERING HYDRAULIC CYLINDER COMPONENTS, BE SURE TO NOTE THE PART NUMBER AND CYLINDER PSI. (LOCATED ON THE CYLINDER DECAL) AS THEY CONTAIN DIFFERENT COMPONENTS. OLDER CYLINDERS WERE 2500 PSI AND THE NEWER CYLINDERS ARE 3000 PSI. IDENTIFYING THE PART NUMBER OF THE CYLINDER IS EXTREMELY IMPORTANT WHEN ORDERING PARTS TO ENSURE PROPER OPERATION OF THE HYDRAULIC CYLINDER.

NOTE: INDIVIDUAL SEALS CANNOT BE ORDERED

I0000296
PR: t05g29o29b0021

4010 & 4110 COULTER RIPPER
FINISHING ATTACHMENTS

V-LEVELER ASSEMBLY



**4010 & 4110 COULTER RIPPER
FINISHING ATTACHMENTS**

55

V-LEVELER ASSEMBLY

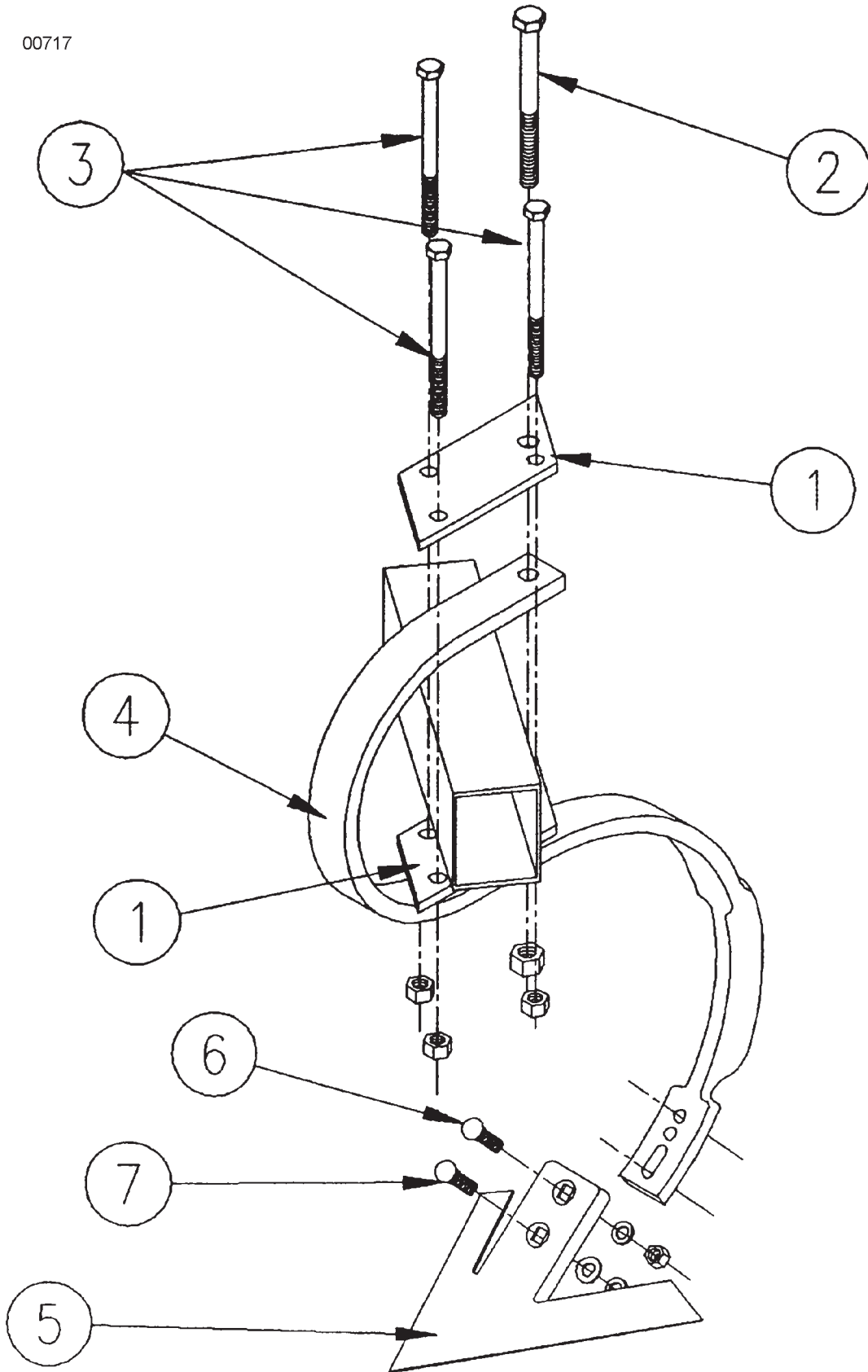
ITEM	NUMBER	QTY	DESCRIPTION
1	SN2148		3/4" X 8 1/2" HEX BOLT
	SN1040		3/4" LOCK WASHER
	SN106		3/4" HEX NUT
2	SN5866		LEVELER ARM W/GAUGE WHL. MT., RIGHT
	SN5867		LEVELER ARM W/GAUGE WHL. MT., LEFT
3	SN5226		SHANK MOUNT PLATE
4	SN3763		3/4" X 5 3/4" X 6 3/4" W. U-BOLT
	SN1040		3/4" LOCK WASHER
	SN106		3/4" HEX NUT
5	SN3766		FRAME MOUNTING PLATE
6	SN3163		1" X 7 1/2" PIN
	SN3880		5/16" X 1 3/4" SHOULDER BOLT
	SN3881		1/4" LOCK NUT
7	SN2893		RATCHET JACK
	SN3785		HANDLE, RATCHET JACK
8	SN5385		1" X 3" PIN
	SN3164		5/16" X 2" ROLL PIN
9	SN3769		TOP LINK
10	SN3768		BOTTOM LINK
11	SN3767		TOOL BAR MOUNTING PLATE
12	SN3306		5/8" X 4 1/2" X 4 5/8" W. U-BOLT
	SN669-1		5/8" LOCK NUT
	SN5871		96" TOOL BAR
13	SN5633		120" TOOL BAR
	SN5869		134" TOOL BAR
	SN5874		4 HOLE CLAMP PLATE
14	SN2584		5/8" X 10" HEX BOLT
	SN669-1		5/8" LOCK NUT
16	SN5873		8 HOLE CLAMP PLATE
17	SN1672		5/8" X 6" HEX BOLT
	SN669-1		5/8" LOCK NUT
18	SN5868		LEVELER MOUNT
19	SN3755		3/4" X 8 3/4" X 4 13/16 W. U-BOLT
	SN1040		3/4" LOCK WASHER
	SN106		3/4" HEX NUT
20	SN5741		75" TOOL BAR
AND	SN5871		96" TOOL BAR
21	SN3771		105" TOOL BAR
	SN5633		120" TOOL BAR
	SN3772		126" TOOL BAR
	SN5869		134" TOOL BAR
	SN5872		158" TOOL BAR
	SN5862		LEVELER ARM, SHORT RIGHT
22	SN5863		LEVELER ARM, SHORT LEFT

I0000718
PR: t05g29o29b0022

4010 & 4110 COULTER RIPPER
FINISHING ATTACHMENTS

S-TINE SHANK ASSEMBLY

00717



**4010 & 4110 COULTER RIPPER
FINISHING ATTACHMENTS**

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S-TINE SHANK ASSEMBLY

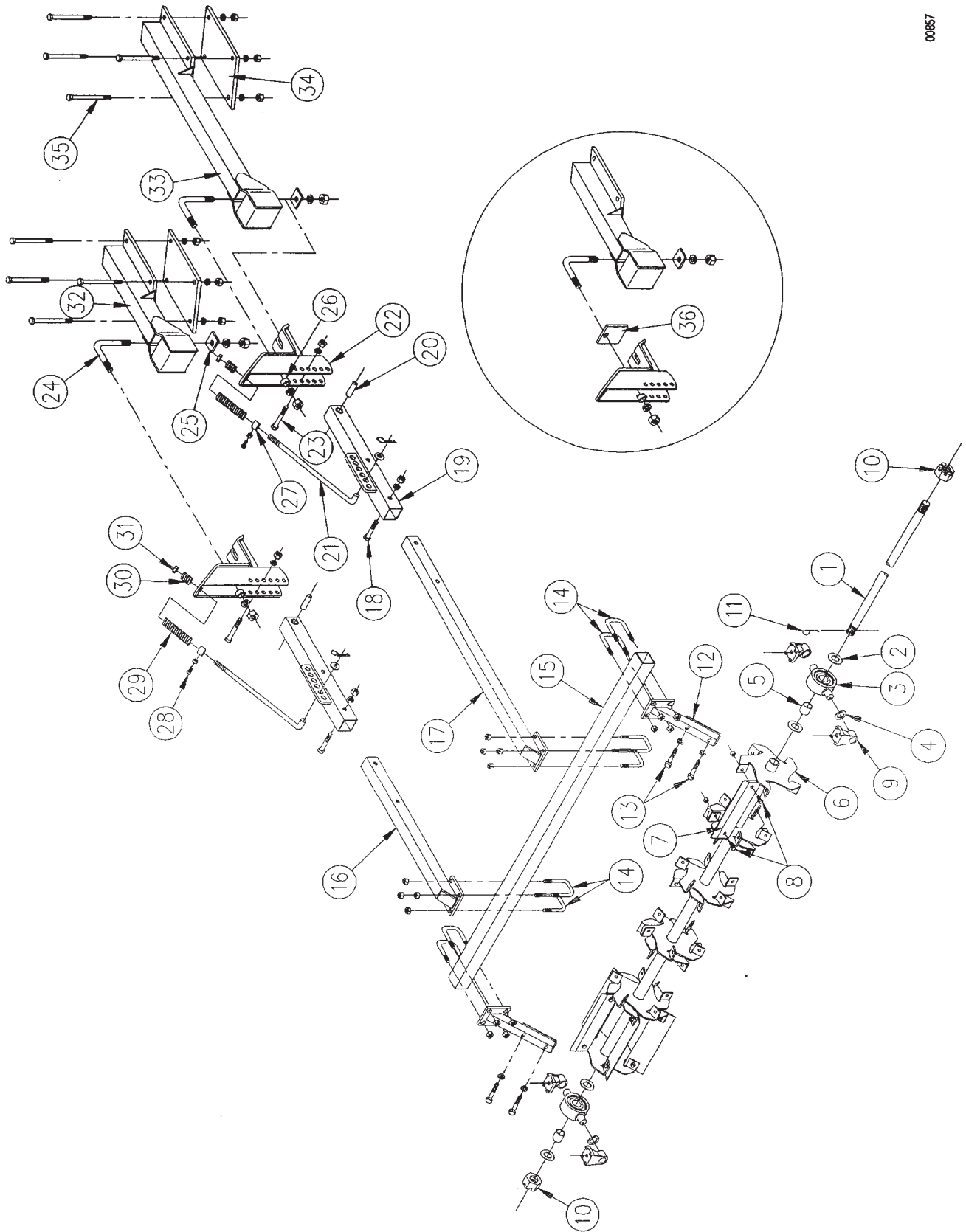
ITEM	NUMBER	QTY	DESCRIPTION
1	SN5875		CLAMP PLATE, S-TINE
2	SN1308		5/8" X 6 1/2" HEX BOLT
	SN669-1		5/8" LOCK NUT
3	SN3568		1/2" X 6 1/2" HEX BOLT
	SN2096		1/2" LOCK NUT
4	SN3821		S-TINE SHANK, 5/8" X 1 3/4" X 24"
5	SN3055		4" PLAIN SWEEP
6	SN3050		7/16" X 1 1/2" PLOW BOLT
	SN302		7/16" LOCK WASHER
	SN303		7/16" HEX NUT
7	SN3050		7/16" X 1 1/2" PLOW BOLT
	SN305		7/16" FLAT WASHER
	SN302		7/16" LOCK WASHER
	SN303		7/16" HEX NUT

I0000717
PR: t05g29o29b0023

4010 & 4110 COULTER RIPPER
CHOPPER REEL

CHOPPER REEL ASSEMBLY

00857



**4010 & 4110 COULTER RIPPER
CHOPPER REEL**

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CHOPPER REEL ASSEMBLY

ITEM	NUMBER	QTY	DESCRIPTION
1	SN5545		70 5/8" SHAFT, 1 1/2" DIA.
	SN5546		85 5/8" SHAFT, 1 1/2" DIA.
	SN5547		100 5/8" SHAFT, 1 1/2" DIA.
2	SN2755		FLAT WASHER, 1 9/16 I.D. X 2 13/16 O.D.
3	SN3090		TRUNNION BEARING COMPLETE
4	SN3095		FLAT WASHER, 1 1/2" I.D. X 2 1/4" O.D.
5	SN5527B		BUSHING
6	SN5573		60" REEL W/BLADES
	SN5574		75" REEL W/BLADES
	SN5575		90" REEL W/BLADES
	SN5524		60" REEL
	SN5525		75" REEL
	SN5526		90" REEL
7	SN5529		REEL BLADE
8	SN1823		1/2" X 1 1/4" HEX BOLT
	SN2096		1/2" LOCK NUT
9	SN3096		TRUNNION BEARING MOUNT
10	SN1456		1 1/2" SLOTTED FULL NUT
11	SN108		5/16" X 2 1/2" COTTER PIN
12	SN5884		HARROW MOUNTING ARM
13	SN1599		3/4" X 4 HEX BOLT
	SN1040		3/4" LOCK WASHER
14	SN5515		5/8" X 4 1/2" X 3 5/8" W. U-BOLT
	SN669-1		5/8" LOCK NUT
15	SN5511		85 1/4" GANG BAR
	SN5512		100 1/4" GANG BAR
	SN6311		130" GANG BAR
16	SN5885		REEL MOUNTING ARM, 37 1/4"
17	SN5894		REEL MOUNTING ARM, 57 1/4"
18	SN1599		3/4" X 4 HEX BOLT
	SN1040		3/4" LOCK WASHER
	SN106		3/4" HEX NUT
19	SN4789		FRAME PIVOT TUBE
20	SNFK501168		BUSHING
21	SN7000		HARROW ADJUSTING ROD, 27 1/2" L.
	SNFK501164		HARROW ADJUSTING ROD, 23 1/2" L.
	SNFK150173		1" FLAT WASHER
	SN71L-2901		PIN CLIP, 3 1/8" L.

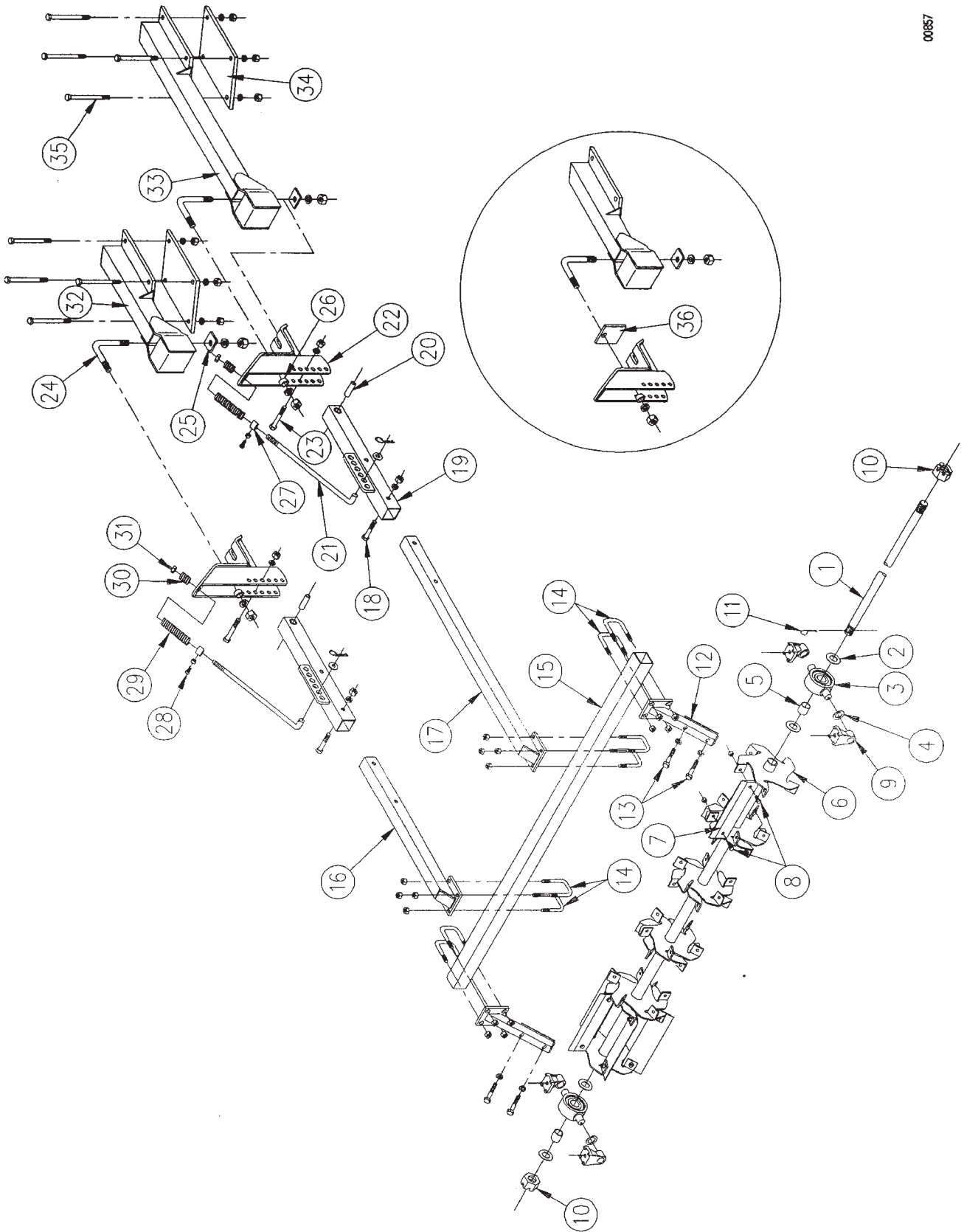
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I0000857
PR: t05g29o29b0024

4010 & 4110 COULTER RIPPER
CHOPPER REEL

CHOPPER REEL ASSEMBLY

00857



4010 & 4110 COULTER RIPPER
CHOPPER REEL

61

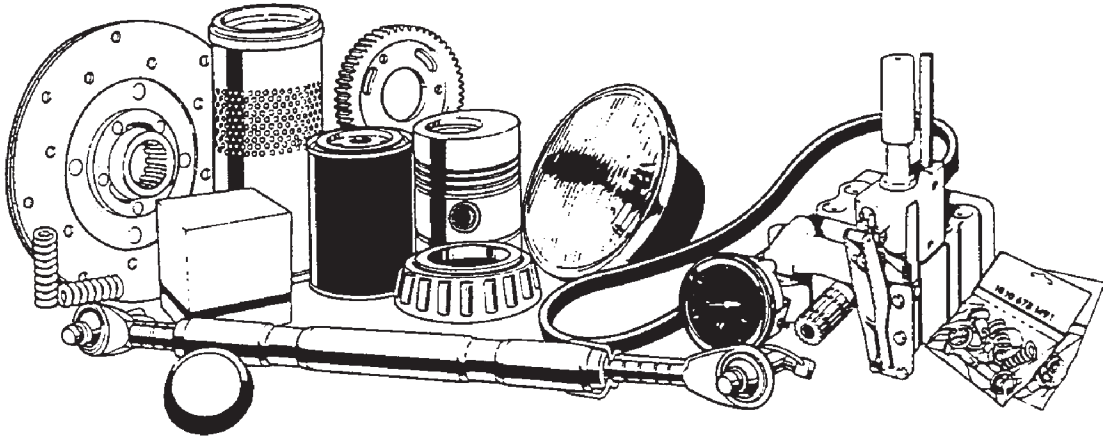
CHOPPER REEL ASSEMBLY

ITEM	NUMBER	QTY	DESCRIPTION
22	SN6999		MOUNTING BRACKET, 6 HOLE
	SN4884R		MOUNTING BRACKET, 5 HOLE
23	SN821		3/4" X 5" HEX BOLT
	SN1040		3/4" LOCK WASHER
	SN106		3/4" HEX NUT
24	SNFK150264		L-BOLT, 1" X 7" X 8"
	SN1283		1" LOCK WASHER
	SN110		1" HEX NUT
25	SNFK501229		MOUNTING WEDGE
26	SN4885		SPACER BUSHING
27	SNFK351023		ADJUSTING ROD LOCK COLLAR
28	SN2078		1/2" X 1" SET SCREW
	SN159		1/2" JAM NUT
29	SNFK361003		LOWER ADJUSTING ROD SPRING
30	SNFK361002		UPPER ADJUSTING ROD SPRING
31	SN3938		1" HEX NYLON LOCK NUT
32	SN5862		RIGHT LEVELER ARM, SHORT
	SN5864		RIGHT LEVELER ARM, LONG
33	SN5863		LEFT LEVELER ARM, SHORT
	SN5865		LEFT LEVELER ARM, LONG
34	SN5226		SHANK MOUNT PLATE, 35 DEG.
35	SN2148		3/4" X 8 1/2" HEX BOLT
	SN1040		3/4" LOCK WASHER
	SN106		3/4" HEX NUT
36	SNFK503001		SPACER PLATE (4010-7 SHANK 24" SPACING ONLY)

I0000857
PR: t05g29o29b0024

RECOMMENDED DEALER STOCK

RECOMMENDED DEALER'S STOCK



**4010 & 4110 COULTER RIPPER
RECOMMENDED DEALER LIST**

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RECOMMENDED DEALER STOCK

ITEM	NUMBER	QTY	DESCRIPTION
-	SN5202	2	1 1/4" X 4" X 40" SHANK
-	SN3302	1	1" SLOTTED FULL NUT
-	SN3273	4	19.94" COULTER BLADE, 1 3/4" BORE, 4 GA.
-	SN2812-1	4	20" COULTER BLADE, 1 3/4" BORE, 6 GA.
-	SN3055	5	4" PLAIN SWEEP
-	SN3117	6	9/16" - 18 THREADED LUG NUT
-	SN3118	6	9/16" X 1 7/8" PRESS IN LUG BOLT
-	SN5527B	2	BUSHING
-	SN1610	1	DUST CAP
-	SN2755	2	FLAT WASHER, 1 9/16" I.D. X 2 13/16"
-	SN5370	1	HITCH CLEVIS BUSHING
-	SN1935	2	INNER BEARING (LM501349)
-	SN1936	2	INNER RACE (LM501310)
-	SNFK150264	2	L-BOLT, 1" X 7" X 8"
-	SN1606	2	OUTER BEARING (LM67048)
-	SN1605	2	OUTER RACE (LM67010)
-	SN5273	4	POINT, 1" X 2 1/2" X 12"
-	SN5274	4	POINT, 1" X 2 1/2" X 12" W/CHROME CAP
-	SN8776-1	2	SEAL KIT, 3 3/4", 1 3/8" ROD
-	SN8779-1	2	SEAL KIT, 4", 1 3/4" ROD
-	SN8781-1	2	SEAL KIT, 4", 1 3/8" ROD
-	SN3300	1	SIX BOLT HUB ASSEMBLY W/3301 SEAL
-	SN7001	1	SMV EMBLEM
-	SN3821	2	S-TINE SHANK, 5/8" X 1 3/4" X 24"
-	SN3301	2	TRIPLE LIP SEAL
-	SN3090	2	TRUNNION BEARING COMPLETE
-	SN6277	2	U-BOLT, 1/2"-13 X 5 1/2" X 1 13/16" W,

NOTE: THIS PARTS STOCK LIST
INDICATES THOSE ITEMS RECOMMENDED
TO SERVICE ONE UNIT.

RDL
PR: t05g29o29b0025

CHISEL PLOWS

PARTS CATALOG

SUNFLOWER®
4510 DISC CHISEL

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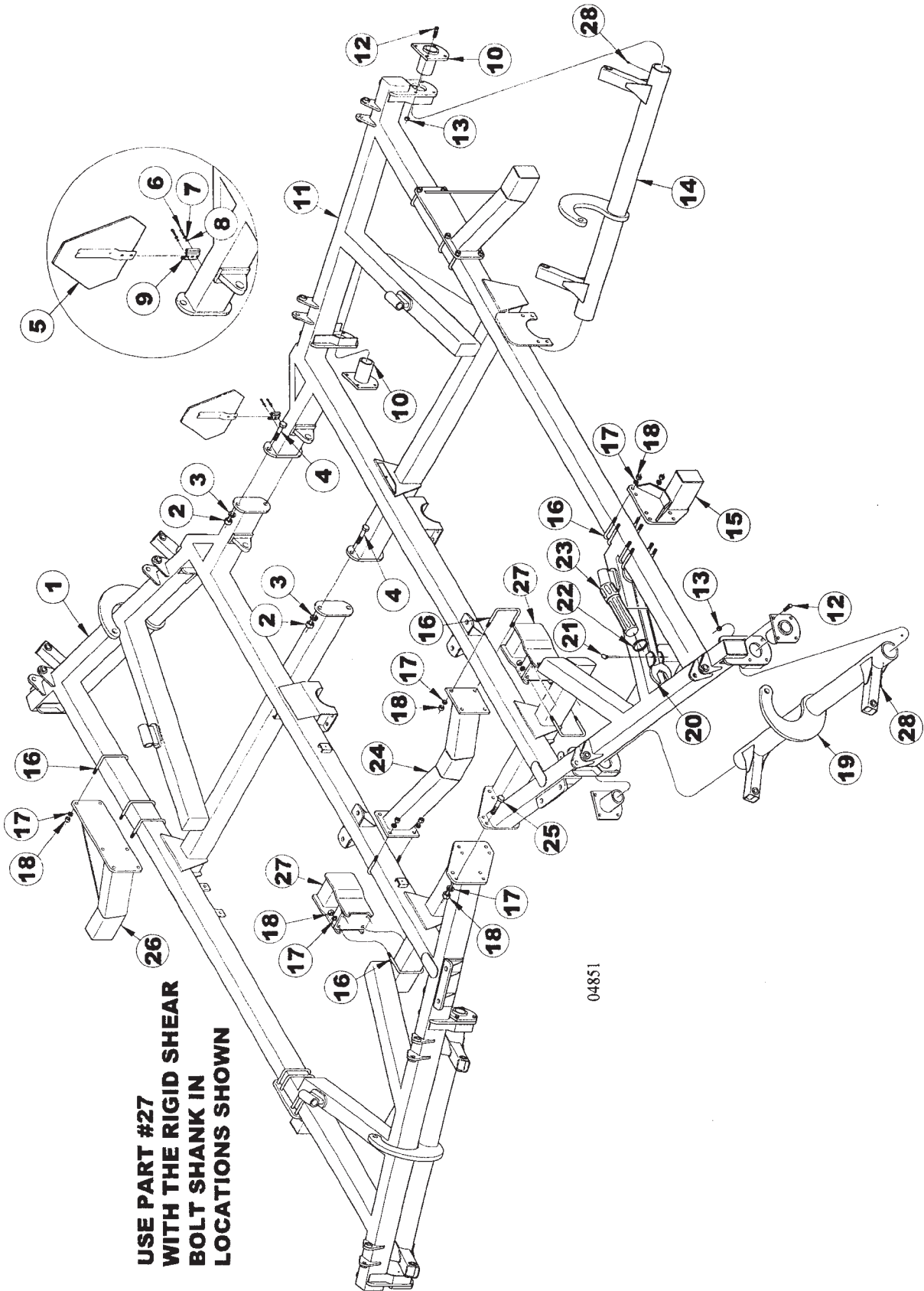
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SERVICE PARTS**

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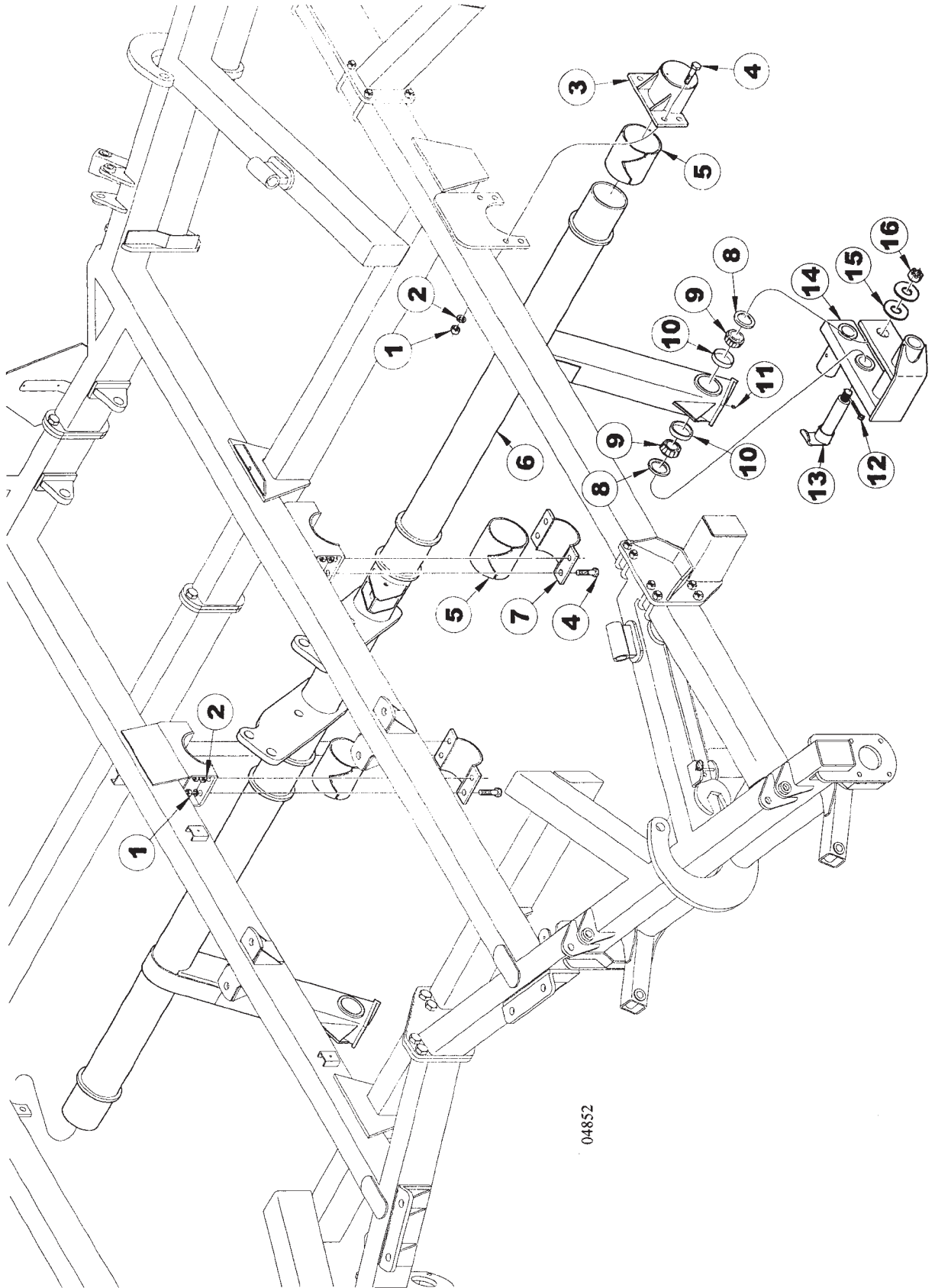
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2	SN110		HEX NUT, 1"-8 FULL, GR 5, Z/P
3	SN1283		LOCK WASHER, 1" SPLIT TYPE MED, Z/P
4	SN1918		HEX BOLT, 1"-8 X 2 1/2", GR 5 Z/P
5	SN7001		SMV EMBLEM
6	SN2568		HEX BOLT, 1/4"-20 X 3/4", GR 5 Y/D
7	SN506		FLAT WASHER, 1/4", Z/P
8	SN3881		LOCK NUT, 1/4"-20 HEX NYLON INSERT
9	SN2566		S.M.V. SOCKET
10	SN5130		LIFT BEARING
11	SN9501R		MAIN FRAME, 4510 LT
12	SN1298		HEX BOLT, 5/8"-11 X 2 1/2", GR 5, Z/P
13	SN669-1		LOCK NUT, 5/8" HEX NYLON INSERT
14	SN9514		GANG LIFT, LT RR
	SN9513		GANG LIFT, RT RR
15	SN9508		SHANK EXTENSION
16	SN3763		U-BOLT, 3/4"-10 X 5 3/4" X 6 3/4"
17	SN1040		LOCK WASHER, 3/4" SPLIT TYPE MED, Z/P
18	SN106		HEX NUT, 3/4"-10 FULL, GR 5, Z/P
19	SN9512		GANG LIFT, LT FRT
	SN9511		GANG LIFT, RT FRT
20	SN6923R		WRENCH, TONGUE ADJUSTMENT
21	SN6575		BALL LOCK PIN, 3/8" X 3 1/2" (3 1/8")
22	SN3765		HOSE CLAMP, 3 1/2"
23	SN3750		OPERATOR'S MANUAL TUBE
24	SN9507		SHANK MOUNT, CENTER
25	SN1122		HEX BOLT, 3/4"-10 X 2 1/2", GR 5, Z/P
26	SN9509		SHANK EXTENSION, RIGHT
	SN9510		SHANK EXTENSION, LEFT
27	SN7903		SHANK MOUNT, OFFSET
28	SN2098-6		GREASE ZERK, 1/4"-28, 17/32" L

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4510 DISC CHISEL
SERVICE PARTS

LIFT ASSEMBLY



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**4510 DISC CHISEL
SERVICE PARTS**

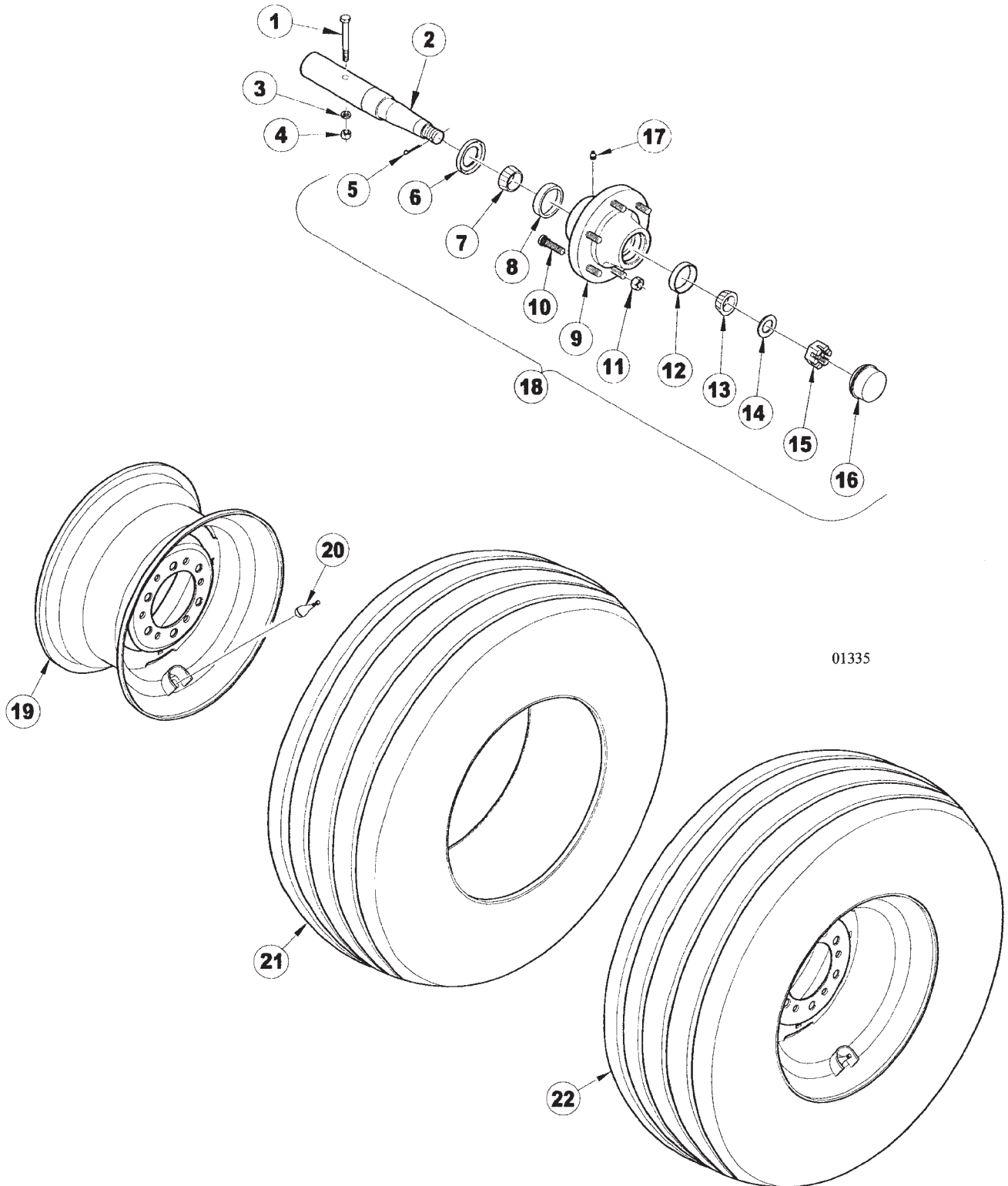
9

LIFT ASSEMBLY

ITEM	NUMBER	QTY	DESCRIPTION
1	SN106		HEX NUT, 3/4"-10 FULL, GR 5, Z/P
2	SN1040		LOCK WASHER, 3/4" SPLIT TYPE MED, Z/P
3	SN7335		BEARING CAP
4	SN1220		HEX BOLT, 3/4"-10 X 2", GR 5 Z/P
5	SN7325		BEARING, LIFT (SPLIT) 6" WIDE
6	SN9506		MAIN LIFT, 4510
7	SN7329		BEARING CAP
8	SN3063		WALKING BEAM SEAL (NAT.204035 C/R 22870)
9	SN3061		WALKING BEAM BEARING (342A)
10	SN3062		WALKING BEAM RACE (332)
11	SN2098-5		GREASE ZERK, 1/8" NPTF, 1 1/4" L
12	SN3066		COTTER PIN, 7/32" X 1 1/2"
13	SN3669		SPINDLE, 2" X 10 15/16" L TANDEM PIVOT (USED WITH 12452R TANDEM PIVOT)
	SN3331		SPINDLE, 2" X 9 7/8" TANDEM PIVOT (USED WITH 7807R TANDEM PIVOT)
14	SN12452		TANDEM PIVOT (VERSION 2, USES 3669 SPINDLE)
	SN7807		TANDEM PIVOT (VERSION 1, USES 3331 SPINDLE)
15	SN245		FLAT WASHER, 1" WIDE RIM, Z/P
16	SN2992		HEX NUT, 1"-14 FULL SLOTTED GR 2, Z/P

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SPINDLE AND WHEEL ASSEMBLY



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4510 DISC CHISEL
SERVICE PARTS

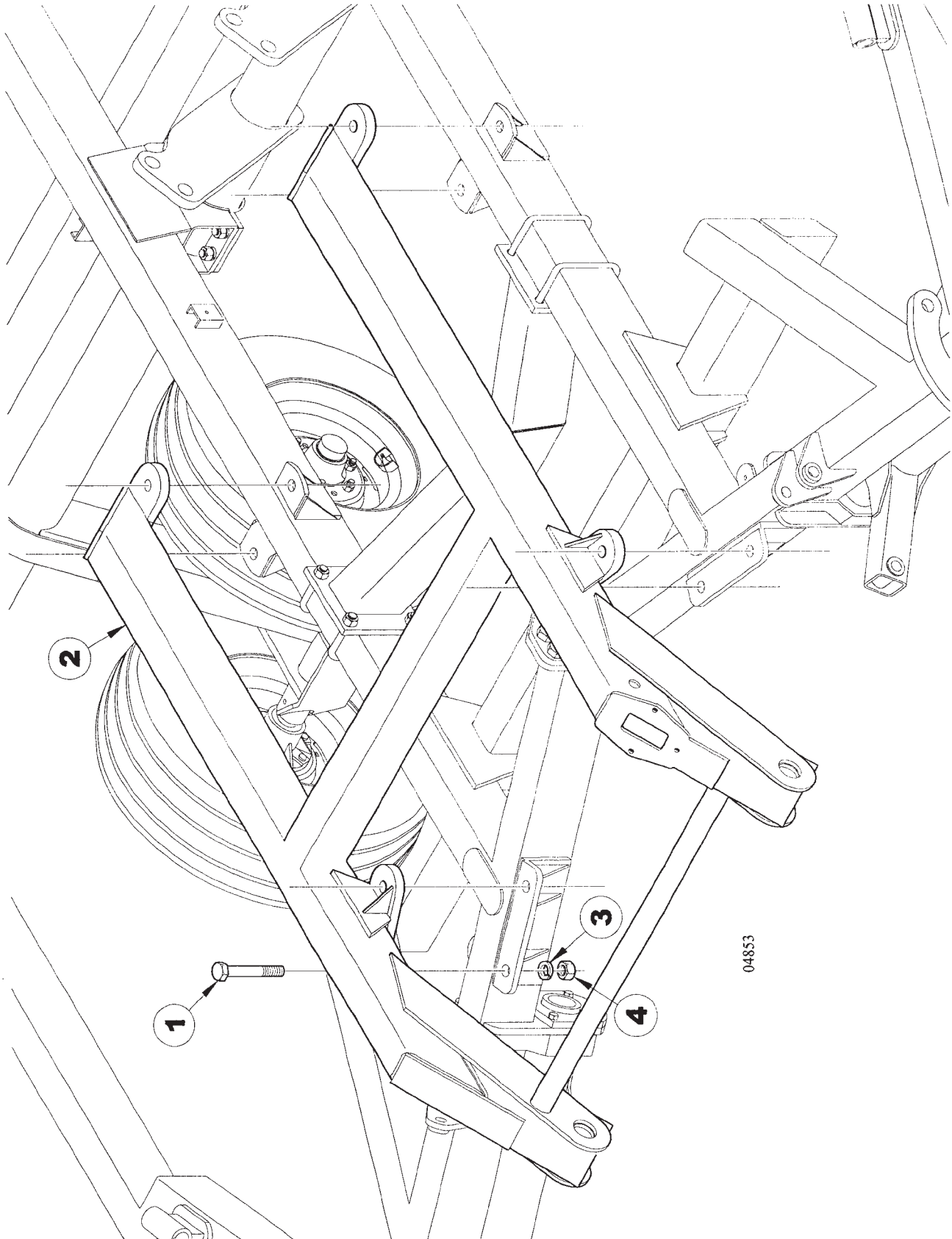
11

SPINDLE AND WHEEL ASSEMBLY

ITEM	NUMBER	QTY	DESCRIPTION
1	SN2585		HEX BOLT, 7/16"-14 X 3 1/2", GR 5, Z/P
2	SN3298		SPINDLE, 2" X 11 1/4"
3	SN302		LOCK WASHER, 7/16" SPLIT TYPE MED, Z/P
4	SN303		HEX NUT, 7/16"-14 FULL, GR 2, Z/P
5	SN3066		COTTER PIN, 7/32" X 1 1/2"
6	SN3301		TRIPLE LIP SEAL
7	SN1935		BEARING (LM501349)
8	SN1936		RACE (LM501310)
9	SN1937		SIX BOLT HUB, STUDDERED W/CUPS AND LUG NUTS, PAINTED
10	SN3118		LUG BOLT, 9/16"-18 X 1 7/8" PRESS IN, PLACE
11	SN3117		LUG NUT, 9/16"-18, GR 5, 90 DEG TAPER
12	SN1605		RACE (LM67010)
13	SN1606		BEARING (LM67048)
14	SN3303		WASHER, 1 1/32" ID X 1 3/4" ODX 1/8"
15	SN3302		HEX NUT, 1"-14 FULL SLOTTED GR 2, PL
16	SN1610		DUST CAP, 2.448" OD, Z/P
17	SN2098-6		GREASE ZERK, 1/4"-28, 17/32" L
18	SN3300		SIX BOLT HUB ASSEMBLY W/3301 SEAL
19	SN1944		WHEEL, 15 X 10, 6 BOLT
20	SN3577		VALVE STEM
21	SN3581		TIRE, 11L X 15, 12-PLY TUBELESS
22	SN3587		TIRE, 11L 12 PLY TUBELESS W/15 X 10 WHEEL ASSY 6 BOLT

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TONGUE MOUNT ASSEMBLY



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**4510 DISC CHISEL
SERVICE PARTS**

13

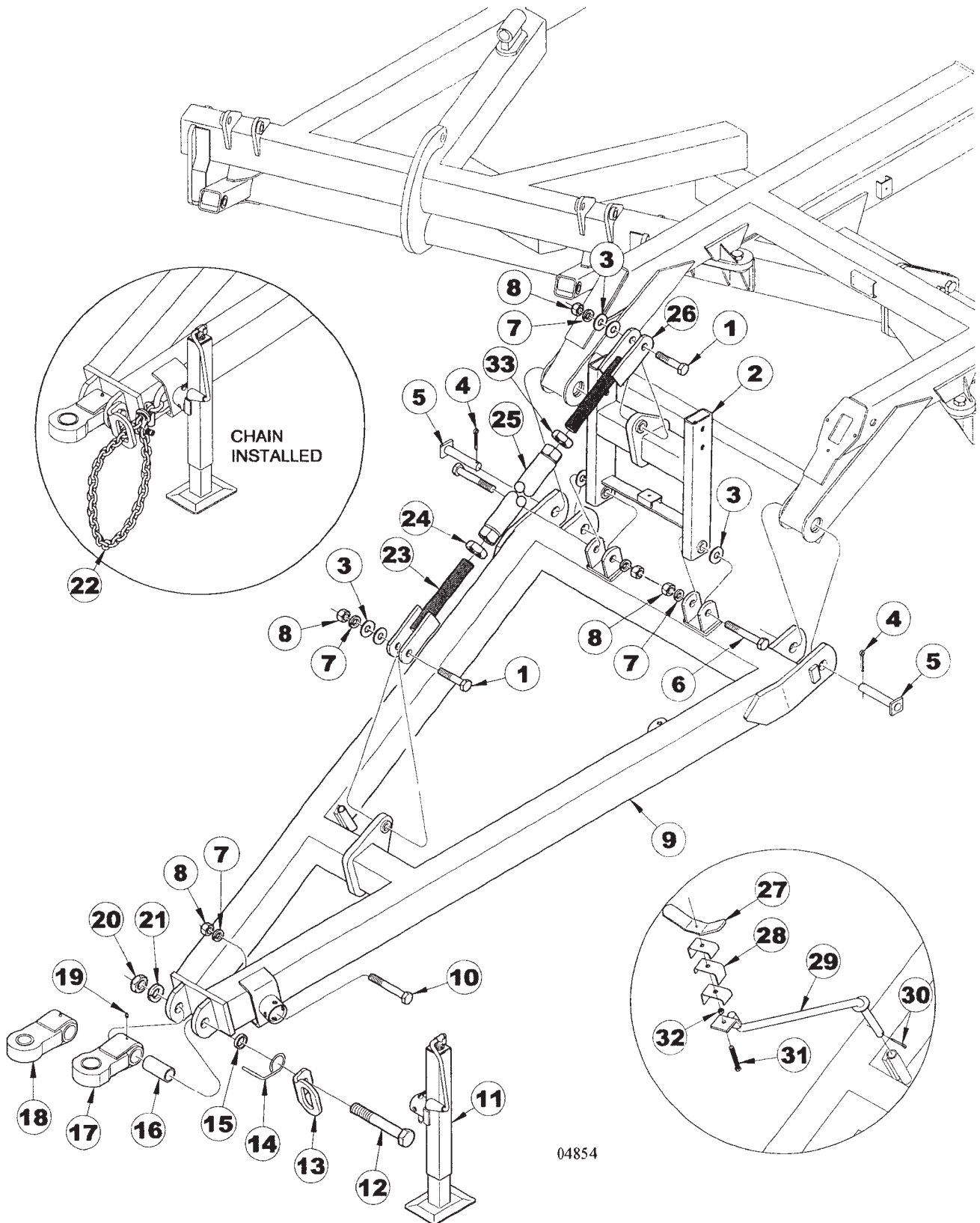
TONGUE MOUNT ASSEMBLY

ITEM	NUMBER	QTY	DESCRIPTION
1	SN1753		HEX BOLT, 1"-8 X 4" GR5, Z/P
2	SN9505R		TONGUE MOUNT
3	SN1283		LOCK WASHER, 1" SPLIT TYPE MED,Z/P
4	SN110		HEX NUT, 1"-8 FULL, GR 5, Z/P

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4510 DISC CHISEL
SERVICE PARTS

TONGUE ASSEMBLY



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**4510 DISC CHISEL
SERVICE PARTS**

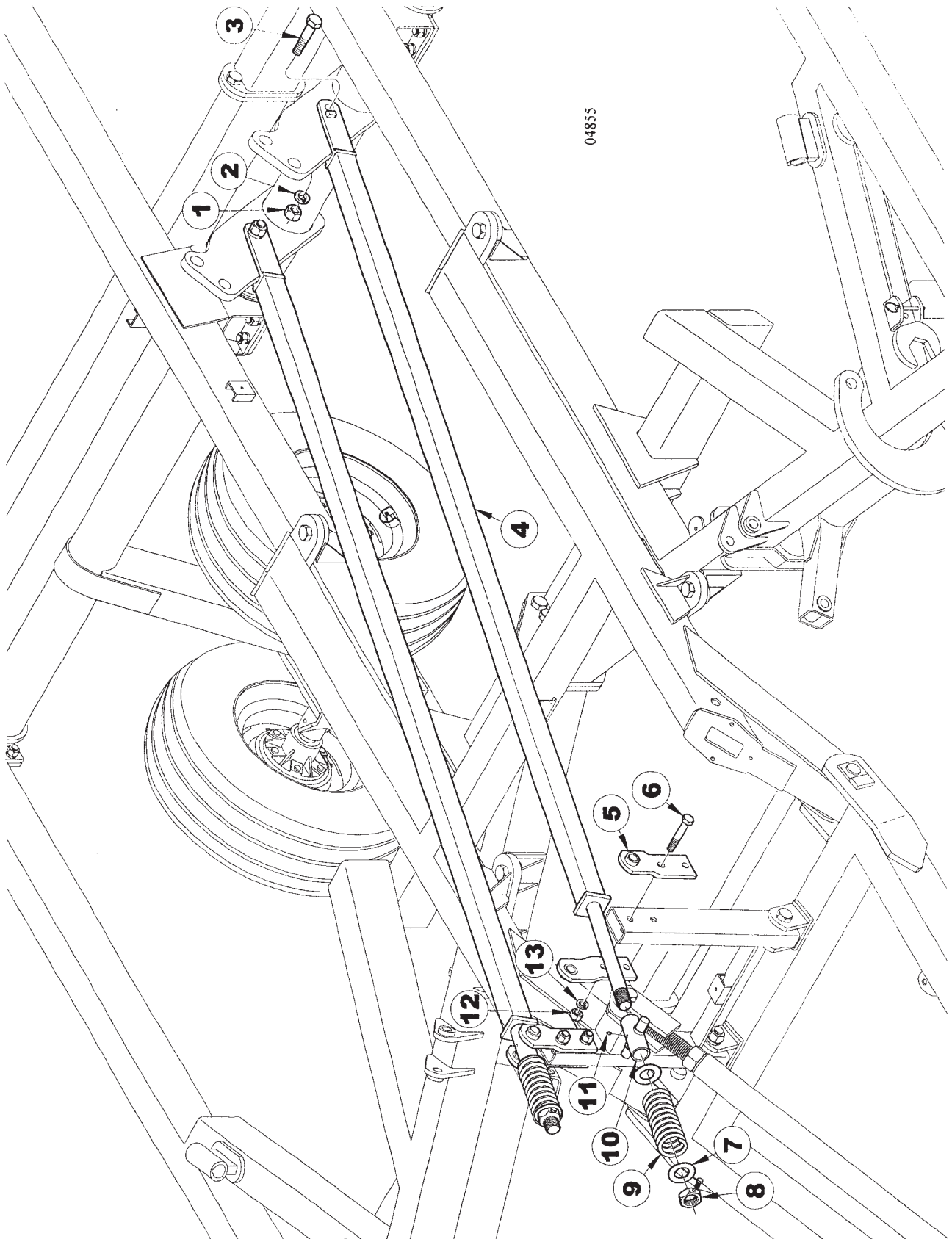
15

TONGUE ASSEMBLY

ITEM	NUMBER	QTY	DESCRIPTION
1	SN1891		HEX BOLT, 1"-8 X 5 1/2", GR 5 Z/P
2	SN9097		LEVELER TOWER
3	SNFK150173		FLAT WASHER, 1" SAE, Z/P
4	SN108		COTTER PIN, 5/16" X 2 1/2", Z/P
5	SN9193		PIN, 1 1/2" X 7 3/16"(6 23/32") SQHD
6	SNFK150013		HEX BOLT, 1"-8 X 5" GR 5, Z/P
7	SN1283		LOCK WASHER, 1" SPLIT TYPE MED, Z/P
8	SN110		HEX NUT, 1"-8 FULL, GR 5, Z/P
9	SN9504R		TONGUE, 4510
10	SN109		HEX BOLT, 1"-8 X 7", GR 5, Z/P
11	SN9777		LONG TONGUE JACK, SQ W/TUBE MOUNT
12	SN9019		HEX BOLT, 1 1/2"-6 X 8 1/2" GR 5, Z/P
13	SN9040		CHAIN SUPPORT
14	SN3068		HITCH CLEVIS HOLDER (SINGLE)
15	SN3165YD		BUSHING, HITCH CLEVIS HOLDER, Y/D
16	SN3369		HITCH CLEVIS BUSHING
17	SN5172		HITCH CLEVIS, 4" SINGLE 2 1/4" HOLE
18	SN1810-1		HITCH CLEVIS, 4" SINGLE, 1 7/8 HOLE
19	SN2098-5		GREASE ZERK, 1/8" NPTF, 1 1/4" L
20	SN2079		JAM NUT, 1 1/2"-6 HEX, GR 2, Z/P
21	SN2085		LOCK WASHER, 1 1/2" SPLIT TYPE MED, Z/P
22	SN7858		CHAIN, 3/8" X 59" (20,200 LB) ASSEMBLY
23	SN6876		ADJUSTING SCREW, RIGHT (REFER TO 6876)
24	SN2088		JAM NUT, 1 3/4"-5 HEX, GR 2, Z/P
25	SN6878		ADJUSTING LINK
26	SN6877		ADJUSTING SCREW, LEFT
	SN6875		ADJUSTING LINK ASSEMBLY
27	SN9538R		HOSE HOLDER BRACKET
28	SN2339		BRACKET CLAMP
29	SN9537		HOSE HOLDER
30	SN1609		COTTER PIN, 3/16" X 1 1/2"
31	SN9549		HEX BOLT, 3/8"-16 X 4", ALL THD GR5, Z/P
32	SN3567		LOCK NUT, 3/8"-16 HEX NYLON INSERT
33	SN6879		JAM NUT, 1 3/4"-5 HEX LH, GR 2 Z/P

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SELF-LEVELER ASSEMBLY



4510 DISC CHISEL
SERVICE PARTS

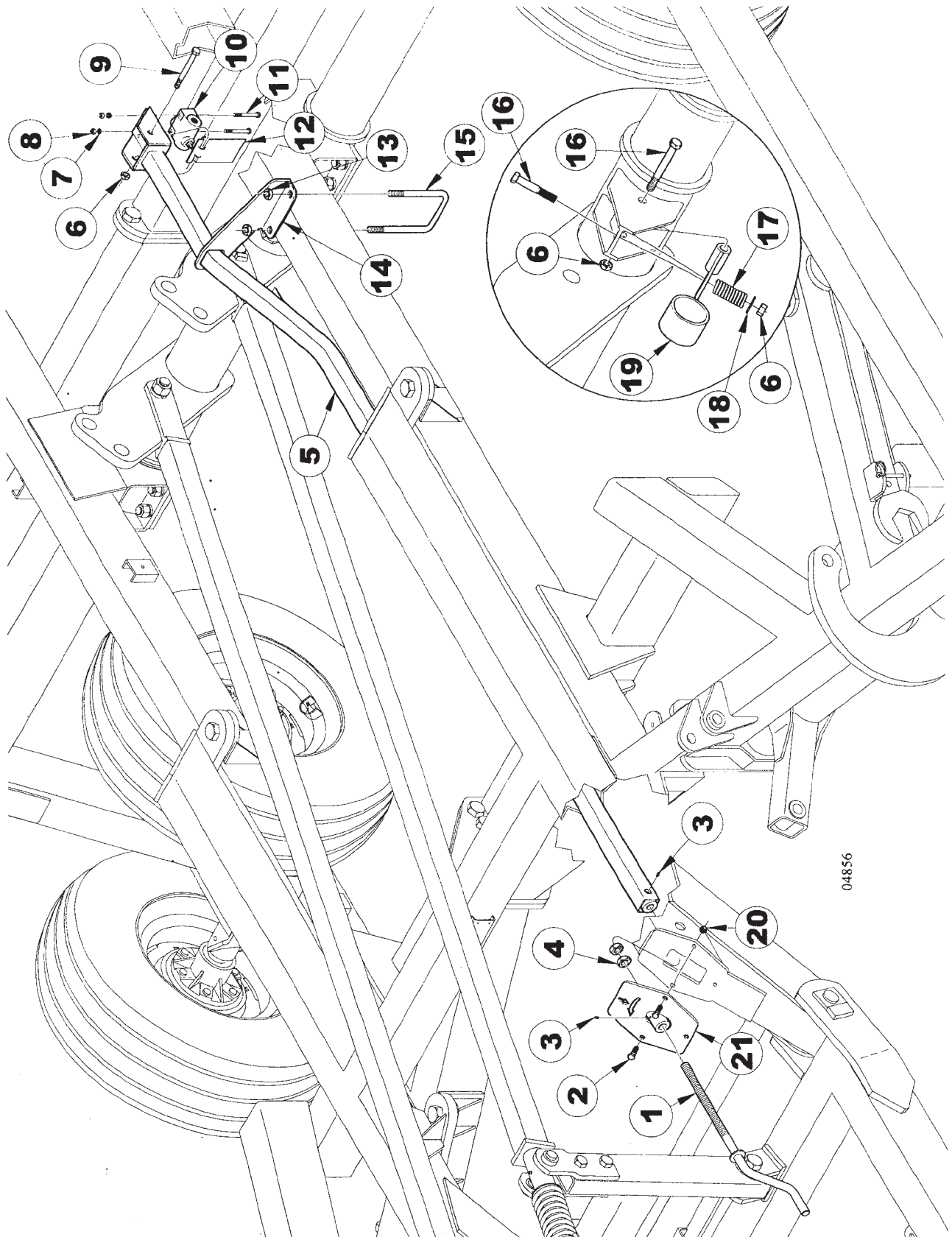
17

SELF-LEVELER ASSEMBLY

ITEM	NUMBER	QTY	DESCRIPTION
1	SN1849		JAM NUT, 1"-8 HEX, GR 2, Z/P
2	SN1283		LOCK WASHER, 1" SPLIT TYPE MED, Z/P GR 5, Z/P
3	SN5530		HEX BOLT, 1"-8 X 3", 1" THD,
4	SN9527		LEVELER TUBE, 140 1/2" L
5	SN7998		BRACKET, LEVELER CROSS
6	SN1599		HEX BOLT, 3/4"-10 X 4", GR 5, Z/P
7	SN2755		FLAT WASHER, 1 9/16" ID X 2 13/16" OD, 10 GA, Z/P
8	SN1880		JAM NUT, 1 1/2"-6 HEX W/SET SCREW, GR 2, Z/P
9	SN1875		SPRING, 2.938" OD X 1.625" ID X 8 7/8" L COMPRESSION
10	SN7999		LEVELER CROSS, 5"
11	SN2098-1		GREASE ZERK, 1/8" NPTF, 5/8" L
12	SN106		HEX NUT, 3/4"-10 FULL, GR 5, Z/P
13	SN1040		LOCK WASHER, 3/4" SPLIT TYPE MED, Z/P

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PR: t05g29j22d0006

STROKE CONTROL ASSEMBLY



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4510 DISC CHISEL
SERVICE PARTS

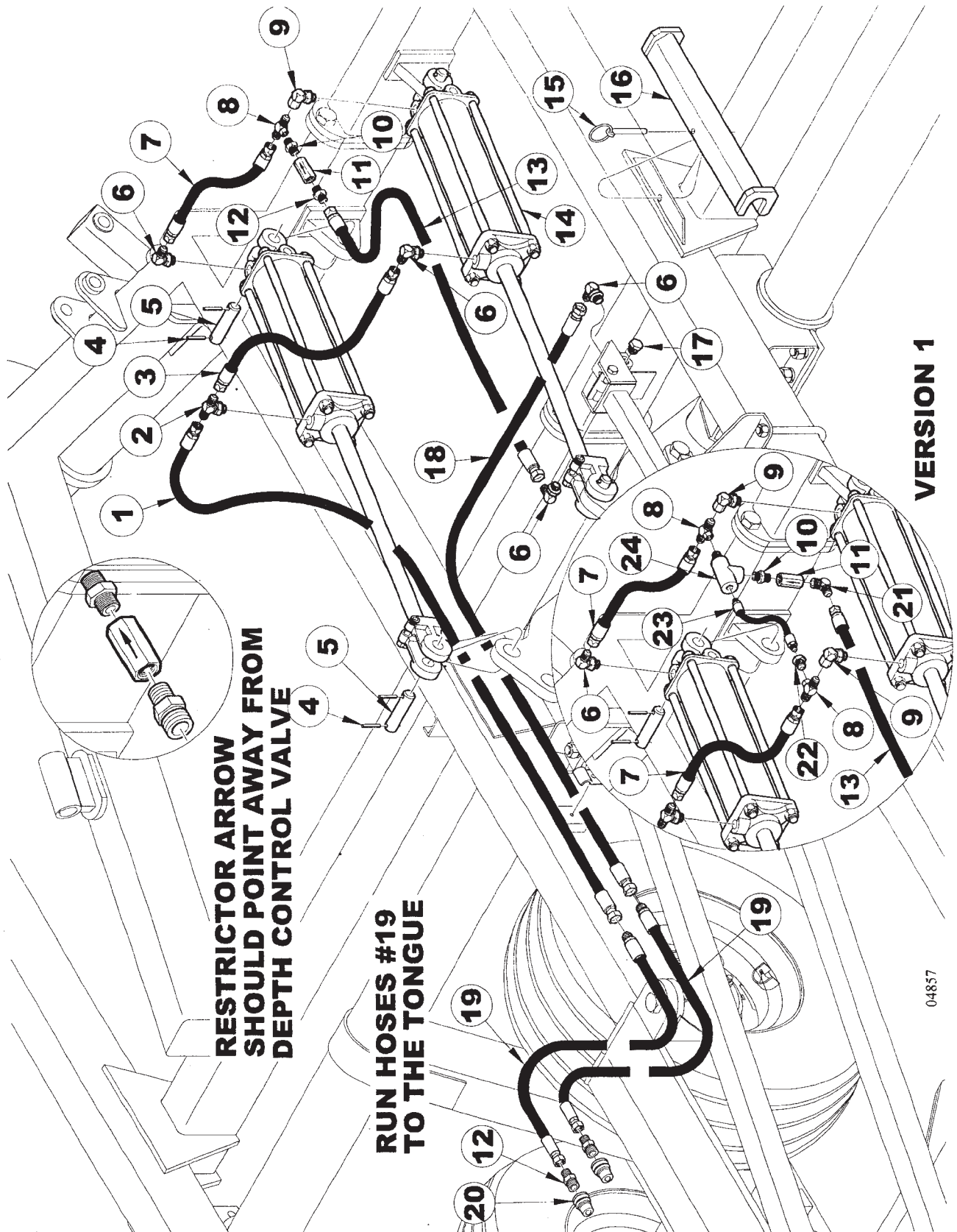
19

STROKE CONTROL ASSEMBLY

ITEM	NUMBER	QTY	DESCRIPTION
1	SN9531		THREADED REMOTE ADJUSTMENT
2	SN3984		HEX BOLT, 3/8"-16 X 1 1/4", GR 5, Z/P
3	SN2098-6		GREASE ZERK, 1/4"-28, 17/32" L
4	SN1243		JAM NUT, 3/4"-10 HEX, GR 2, Z/P
5	SN9528		VALVE ADJUSTMENT TUBE, 111 3/4"L
6	SN2096		LOCK NUT, 1/2"-13 HEX NYLON INSERT
7	SN3723		LOCK WASHER, 5/16" SPLIT TYPE, MED
8	SN3724		HEX NUT, 5/16"-18 FULL, GR 2, Z/P
9	SN140		HEX BOLT, 1/2"-13 X 4 1/2", GR 5
10	SN4732		DEPTH CONTROL VALVE
11	SN1817		HEX BOLT, 5/16"-18 X 2 1/2", GR 5
12	SN6930		STOP TAB
13	SN669-1		LOCK NUT, 5/8" HEX NYLON INSERT
14	SN9530		GUIDE BRACKET
15	SN2984		U-BOLT, 5/8"-11 X 7 1/2" X 4 3/4"
16	SN3371		HEX BOLT, 1/2"-13 X 4", GR 5, Z/P
17	SN4944		SPRING, 1.10" OD, .135 DIA, 3 1/2"
18	SN486		FLAT WASHER, 1/2", Z/P
19	SN9532		ACTUATOR LEVER
20	SN3567		LOCK NUT, 3/8"-16 HEX NYLON INSERT
21	SN9529		STROKE CONTROL MOUNT

I0004856
PR: t05g29j22d0007

LIFT HYDRAULICS ASSEMBLY



VERSION 1

**4510 DISC CHISEL
SERVICE PARTS**

21

LIFT HYDRAULICS ASSEMBLY

ITEM	NUMBER	QTY	DESCRIPTION
1	SN4156005		HOSE, 1/2" X 156" L, FEMALE ENDS
2	SN4462		STRAIGHT THD. BRANCH TEE, 7/8"-14 M.F. X 3/4"-16 O.R.
3	SN4014005		HOSE, 1/2" X 14" L, FEMALE ENDS
4	SN3164		ROLL PIN, 5/16" X 2" SPIRAL MEDIUM
5	SN5340		PIN, 1 1/4" X 4 1/16" (3"), Z/P
6	SN4457		90 DEGREES STRAIGHT THD ELBOW, 7/8"-14 M.F. X 3/4"-16 O.R.
7	SN4011005		HOSE, 1/2" X 11" L, FEMALE ENDS
8	SN4453		FEMALE BRANCH TEE, 7/8"-14 M.F. X 1/2" F.P.T.
9	SN5347		90 DEGREE SWIVEL ELBOW, 7/8"- 14 FF X 3/4"-16 MF OR
10	SN4485		PIPE NIPPLE, 1/2"-14 M.P.T. HEX
11	SN4484		IN LINE RESTRICTOR, 1/2"-14 FPT, W/5/32" REST
12	SN2426		MALE CONNECTOR, 7/8"-14 MF X 1/2"-14 MPT
13	SN4032005		HOSE, 1/2" X 32" L, FEMALE ENDS
14	SN4429		CYLINDER, 3 1/2" X 16" LIFT W/O STROKE CON CROSS (*VERSION 1, PRIOR TO 10/22/03)
	SN12043		CYLINDER, 3 1/2" X 16" LIFT W/O STRCON CROSS, 3000 PSI (*VERSION 2, 10/22/03 & LATER)
15	SN12268		PIN, WIRE LOCK 3/8" X 2 1/2", Y/D
16	SN6925		TRANSPORT LOCK
17	SN4458		PLUG, 3/4"-16 O.R.
18	SN4180005		HOSE, 1/2" X 180" L, FEMALE ENDS
19	SN4149006		HOSE, 1/2" X 149" L, M/F ENDS
20	SN3253		HYDRAULIC COUPLER, MALE HALF
21	SN2428		90 DEG MALE ELBOW, 7/8"-14 MF
22	SNFK330283		BUSHING, 1/2" X 1/4" PIPE REDUCER
23	SN4012007		HOSE, 1/4" X 12" L, MALE PIPE ENDS
24	SN5154		CHECK VALVE, PILOT OPERATED

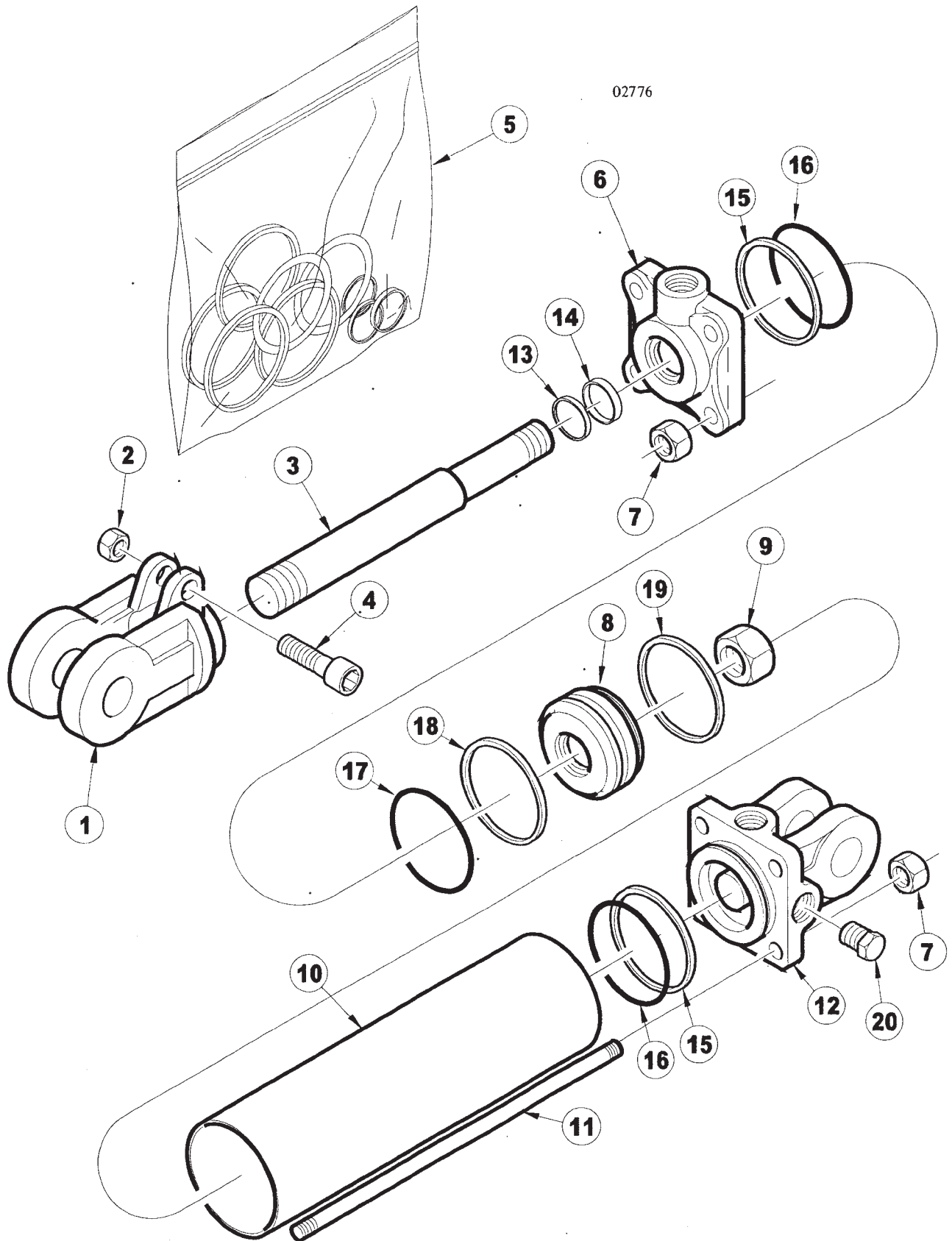
NOTE: WHEN ORDERING HYDRAULIC
CYLINDER COMPONENTS BE SURE TO NOTE
THE PART NUMBER AND THE CYLINDER
PSI. (LOCATED ON THE CYLINDER
DECAL) AS THEY CONTAIN DIFFERENT
COMPONENTS. OLDER CYLINDERS WERE
2500 PSI. AND THE NEWER CYLINDERS
ARE 3000 PSI. IDENTIFYING THE PART
NUMBER OF THE CYLINDER IS EXTREMELY
IMPORTANT WHEN ORDERING PARTS TO
ENSURE PROPER OPERATION OF THE
HYDRAULIC CYLINDER.

WARNING
THESE PARTS ARE IMPORTANT TO THE
SAFETY OF THIS EQUIPMENT AND THOSE
WHO OPERATE IT. USE ONLY EXACT
REPLACEMENT PARTS TO PREVENT
HYDRAULIC FAILURE. BEFORE REPLACING
THESE PARTS, REVIEW AND FOLLOW THE
INSTRUCTIONS IN THE SAFETY AND
OPERATING SECTIONS OF THIS MANUAL.

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PR: t05g29j22d0008

4510 DISC CHISEL
SERVICE PARTS

3 1/2" X 16" HYDRAULIC CYLINDER
4429 (VERSION 1, PRIOR TO 10/22/03)



**4510 DISC CHISEL
SERVICE PARTS**

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**3 1/2" X 16" HYDRAULIC CYLINDER
4429 (VERSION 1, PRIOR TO 10/22/03)**

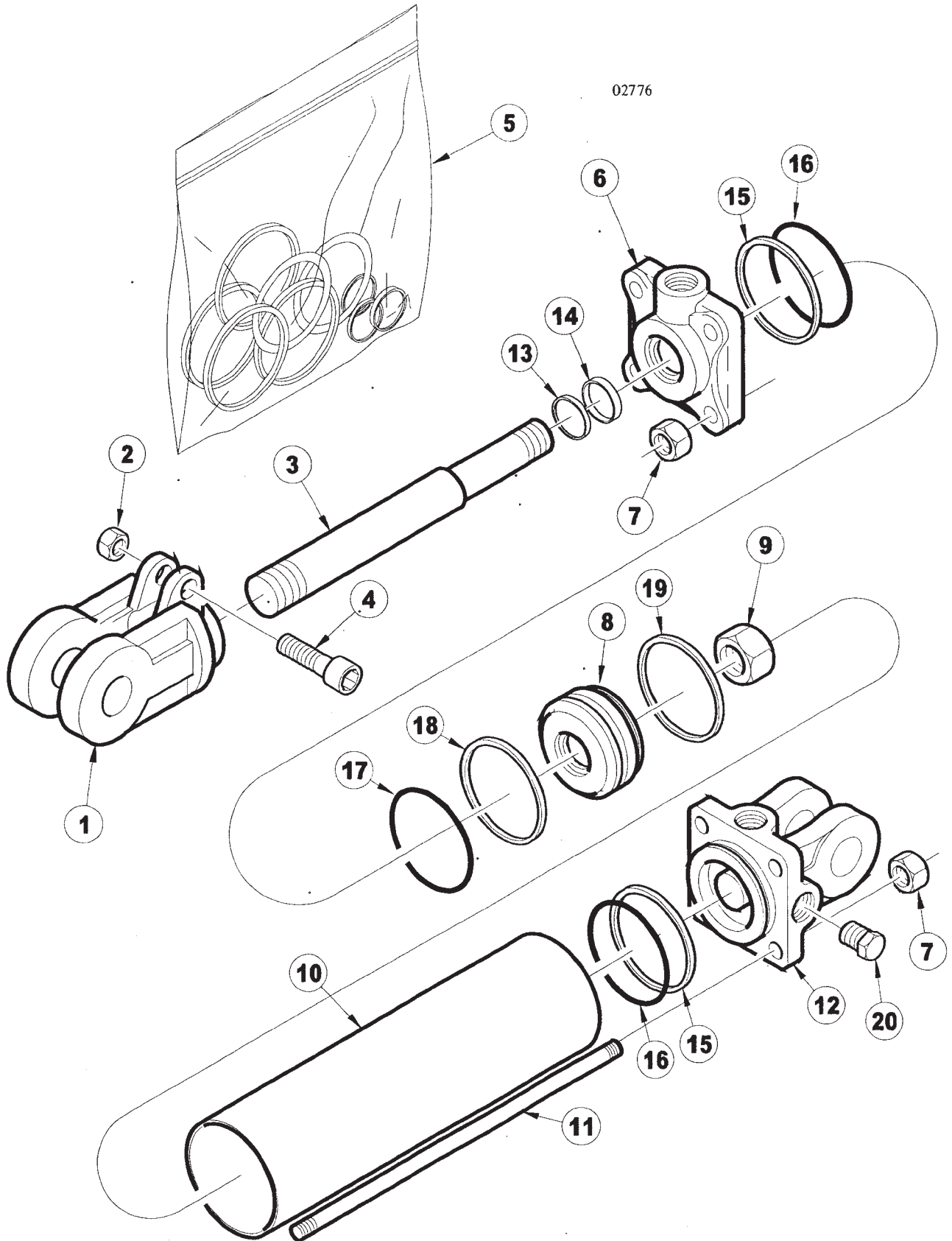
ITEM	NUMBER	QTY	DESCRIPTION
1	SN8618-1		CLEVIS, 1 1/4" THREADS, 1 1/4" PIN W/BUSHING, CROSS
2	SN8671-1		CAPSCREW NUT, 5/16" THREADS CROSS
3	SN8894-1		ROD, 1 1/2" DIA, 16" CROSS
4	SN8631-1		CAPSCREW, CROSS
5	SN8774-1		SEAL KIT, 3 1/2", 1 1/2" ROD, CROSS
6	SN8734-10		HEAD, 3 1/2", 1 1/2" ROD, CROSS (ORB)
7	SN8862-1		TIE ROD NUT, 1/2"-20 UNF CROSS
8	SN8712-1		PISTON, 3 1/2" W/1" HOLE CROSS
9	SN8686-1		PISTON NUT, 1" THREAD, CROSS
10	SN8823-1		TUBE, 3 1/2" X 16" CROSS
11	SN8853-1		TIE ROD BOLT, 3 1/2" X 16" CROSS
12	SN8704-10		BASE, 3 1/2" (ORB), 1 1/4" PIN CROSS
13			* WIPER
14			* U-CUP
15			* BACKUP
16			* O-RING
17			* O-RING
18			* TEFLON RING
19			* WEAR RING
20	SN4458		PLUG, 3/4"-16 O.R.

* AVAILABLE IN THE SEAL KIT ONLY!
NOTE: WHEN ORDERING HYDRAULIC
CYLINDER COMPONENTS, BE SURE TO
NOTE THE PART NUMBER AND THE
CYLINDER PSI. (LOCATED ON THE
CYLINDER DECAL) AS THEY CONTAIN
DIFFERENT COMPONENTS. OLDER
CYLINDERS WERE 2500 PSI. AND THE
NEW CYLINDERS ARE 3000 PSI.
IDENTIFYING THE PART NUMBER OF THE
CYLINDER IS EXTREMELY IMPORTANT
WHEN ORDERING PARTS TO ENSURE
PROPER OPERATION OF THE HYDRAULIC
CYLINDER.

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PR: t05g29j22d0009

4510 DISC CHISEL
SERVICE PARTS

3 1/2" X 16" HYDRAULIC CYLINDER
12043R VERSION 2, 10/22/03 & LATER



**4510 DISC CHISEL
SERVICE PARTS**

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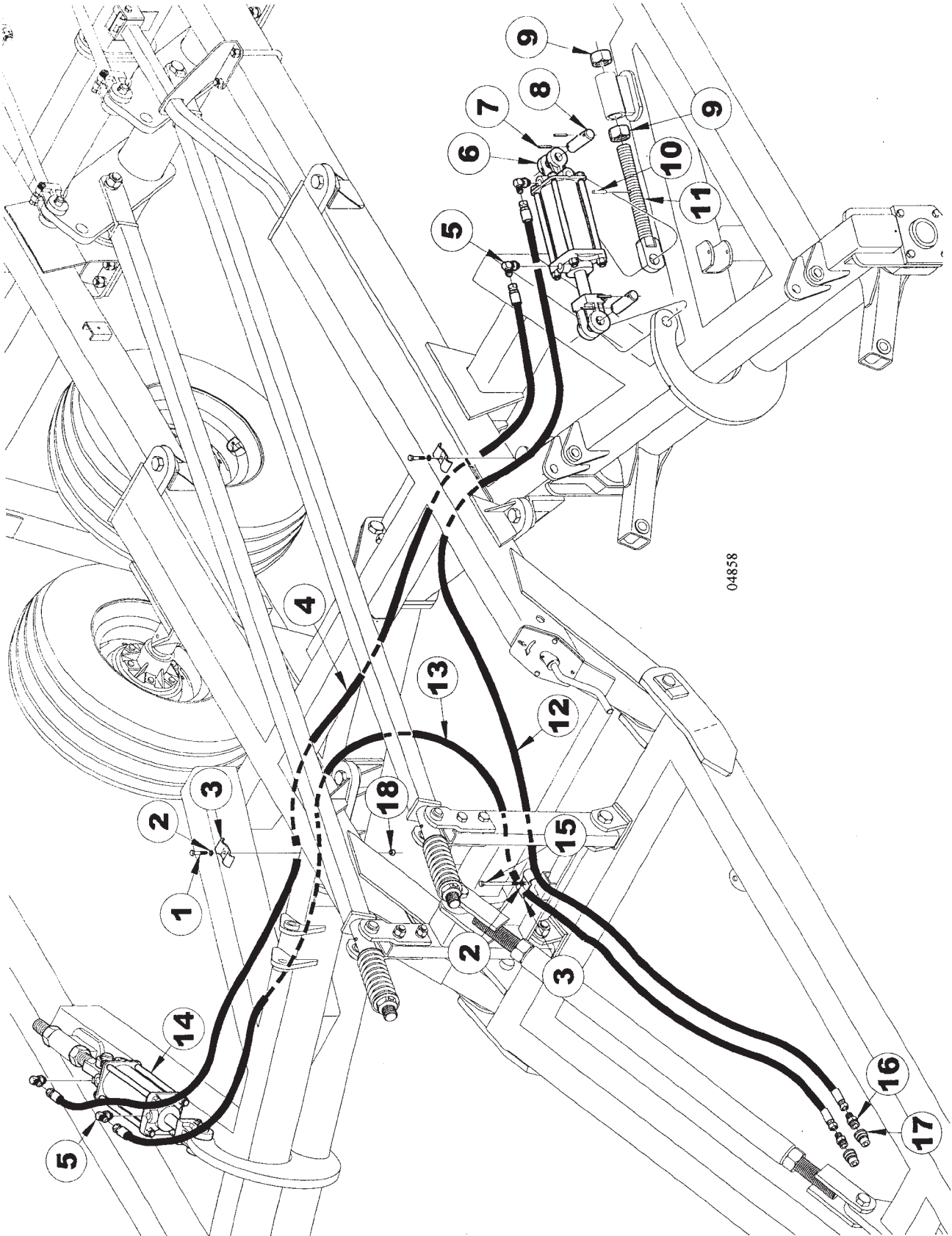
**3 1/2" X 16" HYDRAULIC CYLINDER
12043R VERSION 2, 10/22/03 & LATER**

ITEM	NUMBER	QTY	DESCRIPTION
1	SN8618-1		CLEVIS, 1 1/4" THREADS, 1 1/4" PIN W/BUSHING, CROSS
2	SN8671-1		CAPSCREW NUT, 5/16" THREADS CROSS
3	SN8972-1		ROD, 1 1/2" DIA, 16" CROSS
4	SN8631-1		CAPSCREW, CROSS
5	SN12015		SEAL KIT, 3 1/2", 1 1/2" ROD, CROSS
6	SN12018		HEAD, 3 1/2", 1 1/2" ROD, CROSS (ORB)
7	SN8863-1		TIE ROD NUT, 1/2"-20 UNF CROSS
8	SN8978-1		PISTON, 3 1/2" W/1" HOLE CROSS
9	SN8683-1		PISTON NUT, 1" THREAD, CROSS
10	SN12041		TUBE, 3 1/2" X 16" CROSS
11	SN12042		TIE ROD BOLT, 3 1/2" X 16" CROSS
12	SN12040		BASE, 3 1/2" (ORB), 1 1/4" PIN CROSS
13			* WIPER
14			* U-CUP
15			* BACKUP
16			* O-RING
17			* O-RING
18			* TEFLON RING
19			* WEAR RING
20	SN4458		PLUG, 3/4"-16 O.R.

* AVAILABLE IN THE SEAL KIT ONLY!
NOTE: WHEN ORDERING HYDRAULIC
CYLINDER COMPONENTS, BE SURE TO
NOTE THE PART NUMBER AND THE
CYLINDER PSI. (LOCATED ON THE
CYLINDER DECAL) AS THEY CONTAIN
DIFFERENT COMPONENTS. OLDER
CYLINDERS WERE 2500 PSI. AND THE
NEW CYLINDERS ARE 3000 PSI.
IDENTIFYING THE PART NUMBER OF THE
CYLINDER IS EXTREMELY IMPORTANT
WHEN ORDERING PARTS TO ENSURE
PROPER OPERATION OF THE HYDRAULIC
CYLINDER.

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PR: t05g29j22d0010

FRONT GANG LIFT HYDRAULICS



**4510 DISC CHISEL
SERVICE PARTS**

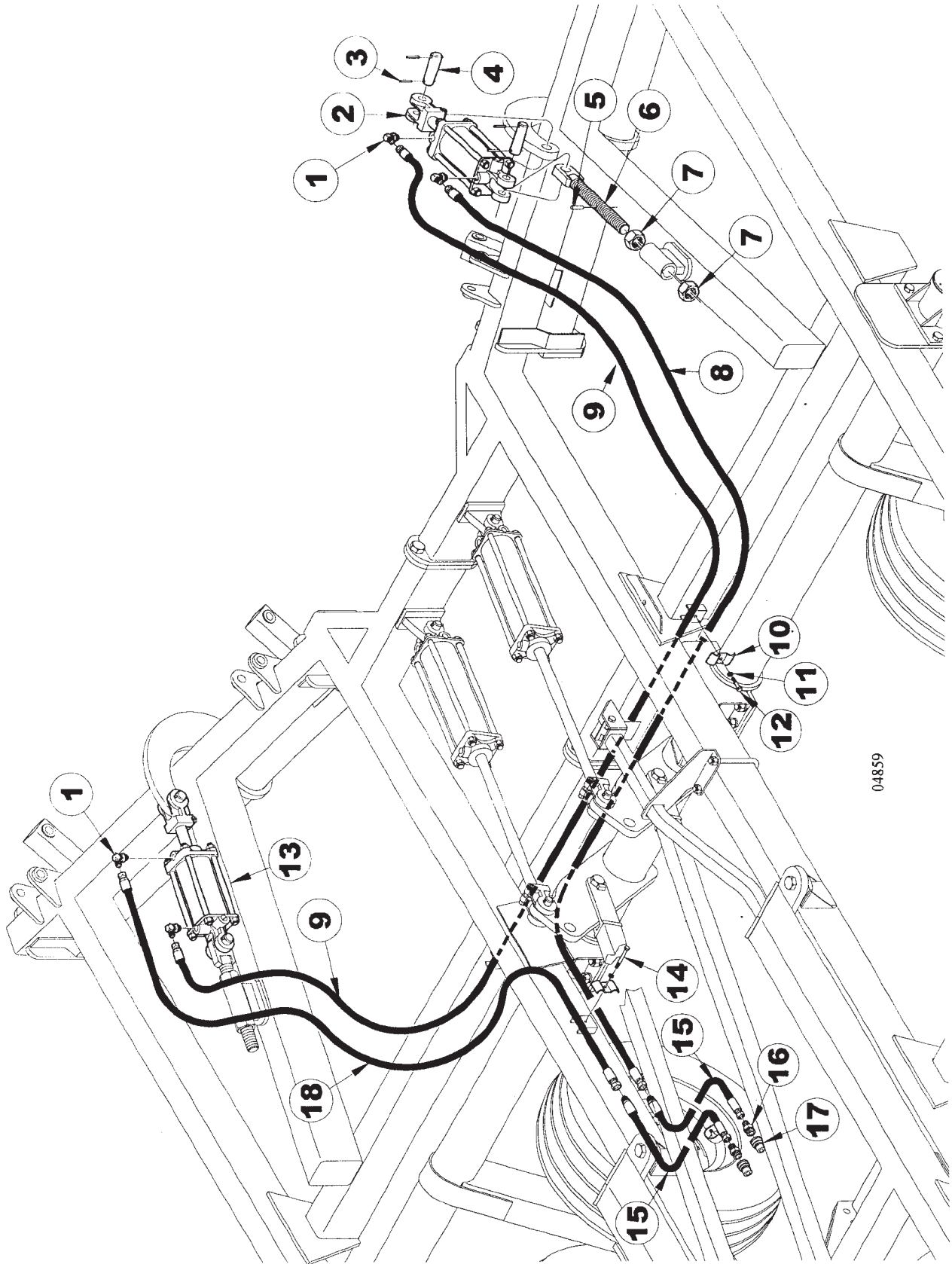
FRONT GANG LIFT HYDRAULICS

ITEM	NUMBER	QTY	DESCRIPTION
1	SN175		HEX BOLT, 3/8"-16 X 1 1/2", GR 5,
2	SN176		LOCK WASHER, 3/8" SPLIT TYPE MED, Z/P
3	SN5302		PIPE CLAMP, 3/8" BOLT HOLE
4	SN4146002		HOSE, 3/8" X 146" L, FEMALE ENDS
5	SN4455		90 DEGREE STR THD ELBOW, 3/4"-16 MF
6	SN4439		CYLINDER, 3 1/2" X 8" SLAVE ORB CROSS (*VERSION 1, PRIOR TO 10/22/03)
	SN12061		CYLINDER, 3 1/2" X 8" SLAVE CROSS, 3000 PSI (*VERSION 2, 10/22/03 & LATER)
7	SN3164		ROLL PIN, 5/16" X 2" SPIRAL MEDIUM
8	SN5339		PIN, 1" X 4 1/16" (3"), Z/P
9	SN2079		JAM NUT, 1 1/2"-6 HEX, GR 2, Z/P
10	SN4623		GUIDE PIN
11	SN7334		ADJUSTABLE CYLINDER BLOCK
12	SN4240002		HOSE, 3/8" X 240" L, FEMALE ENDS
13	SN4233002		HOSE, 3/8" X 233" L, FEMALE ENDS
14	SN4440		CYLINDER, 3 1/4" X 8" SLAVE ORB CROSS (*VERSION 1, PRIOR TO 8/12/03)
	SN12065		CYLINDER, 3 1/4" X 8" SLAVE ORB CROSS, 3000 PSI (*VERSION 2, 8/12/03 & LATER)
15	SN3565		HEX BOLT, 3/8"-16 X 3 1/2", GR 5,
16	SN2425		MALE CONNECTOR, 3/4"-16 M.F. X 1/2"-14 M.P.T.
17	SN3253		HYDRAULIC COUPLER, MALE HALF
18	SN3567		LOCK NUT, 3/8"-16 HEX NYLON INSERT
			NOTE: WHEN ORDERING HYDRAULIC CYLINDER COMPONENTS, BE SURE TO NOTE THE PART NUMBER AND THE CYLINDER PSI. (LOCATED ON THE CYLINDER DECAL) AS THEY CONTAIN DIFFERENT COMPONENTS. OLDER CYLINDERS WERE 2500 PSI. AND THE NEW CYLINDERS ARE 3000 PSI. IDENTIFYING THE PART NUMBER OF THE CYLINDER IS EXTREMELY IMPORTANT WHEN ORDERING PARTS TO ENSURE PROPER OPERATION OF THE HYDRAULIC CYLINDER. WARNING THESE PARTS ARE IMPORTANT TO THE SAFETY OF THIS EQUIPMENT AND THOSE WHO OPERATE IT. USE ONLY EXACT REPLACEMENT PARTS TO PREVENT HYDRAULIC FAILURE. BEFORE REPLACING THESE PARTS, REVIEW AND FOLLOW THE INSTRUCTIONS IN THE SAFETY AND OPERATING SECTIONS OF THIS MANUAL.

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PR: t05g29j22d0011

4510 DISC CHISEL
SERVICE PARTS

REAR GANG LIFT HYDRAULICS



04859

**4510 DISC CHISEL
SERVICE PARTS**

REAR GANG LIFT HYDRAULICS

ITEM	NUMBER	QTY	DESCRIPTION
1	SN4455		90 DEGREE STR THD ELBOW, 3/4"-16 MF X 3/4"-16 OR W/1/16" REST
2	SN4439		CYLINDER, 3 1/2" X 8" SLAVE ORB CROSS (*VERSION 1, PRIOR TO 6/27/03)
	SN12061		CYLINDER, 3 1/2" X 8" SLAVE ORB CROSS, 3000 PSI (*VERSION 2, 6/27/03 & LATER)
3	SN3164		ROLL PIN, 5/16" X 2" SPIRAL MEDIUM
4	SN5339		PIN, 1" X 4 1/16" (3"), Z/P
5	SN4623		GUIDE PIN
6	SN7334		ADJUSTABLE CYLINDER BLOCK
7	SN2079		JAM NUT, 1 1/2"-6 HEX, GR 2, Z/P
8	SN4222002		HOSE, 3/8" X 222" L, FEMALE ENDS
9	SN4180002		HOSE, 3/8" X 180" L, FEMALE ENDS
10	SN5302		PIPE CLAMP, 3/8" BOLT HOLE
11	SN176		LOCK WASHER, 3/8" SPLIT TYPE MED, Z/P
12	SN175		HEX BOLT, 3/8"-16 X 1 1/2", GR 5,
13	SN4440		CYLINDER, 3 1/4" X 8" SLAVE (*VERSION 1, PRIOR TO 8/12/03)
	SN12065		CYLINDER, 3 1/4" X 8" SLAVE ORB CROSS, 3000 PSI (*VERSION 2, 8/12/03 & LATER)
14	SN2487		HEX BOLT, 3/8"-16 X 2 1/2", GR 5,
15	SN4149003		HOSE, 3/8" X 149" L, M/F ENDS
16	SN2425		MALE CONNECTOR, 3/4"-16 M.F. X 1/2"-14 M.P.T.
17	SN3253		HYDRAULIC COUPLER, MALE HALF
18	SN4207002		HOSE, 3/8" X 207" L, M/F ENDS

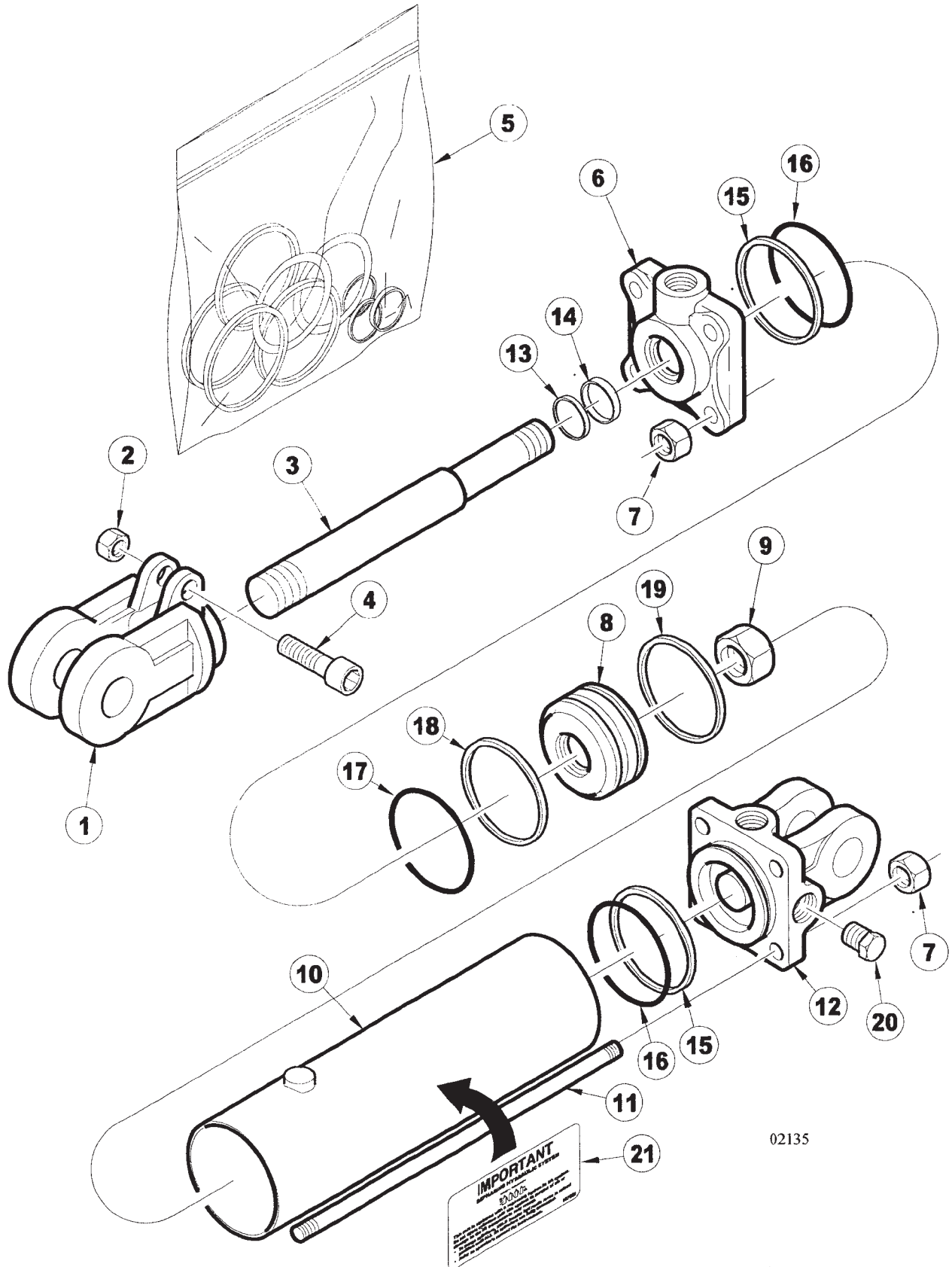
NOTE: WHEN ORDERING HYDRAULIC
CYLINDER COMPONENTS, BE SURE TO
NOTE THE PART NUMBER AND CYLINDER
PSI. (LOCATED ON THE CYLINDER
DECAL) AS THEY CONTAIN DIFFERENT
COMPONENTS. OLDER CYLINDERS WERE
2500 PSI. AND THE NEW CYLINDERS ARE
3000 PSI. IDENTIFYING THE PART
NUMBER OF THE CYLINDER IS EXTREMELY
IMPORTANT WHEN ORDERING PARTS TO
ENSURE PROPER OPERATION OF THE
HYDRAULIC CYLINDER.

WARNING
THESE PARTS ARE IMPORTANT TO THE
SAFETY OF THIS EQUIPMENT AND THOSE
WHO OPERATE IT. USE ONLY EXACT
REPLACEMENT PARTS TO PREVENT
HYDRAULIC FAILURE. BEFORE REPLACING
THESE PARTS, REVIEW AND FOLLOW THE
INSTRUCTIONS IN THE SAFETY AND
OPERATING SECTIONS OF THIS MANUAL.

I0004859
PR: t05g29j22d0012

4510 DISC CHISEL
SERVICE PARTS

3 1/2" X 8" HYDRAULIC CYLINDER 4439
(VERSION 1, PRIOR TO 6/27/03)



**4510 DISC CHISEL
SERVICE PARTS**

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**3 1/2" X 8" HYDRAULIC CYLINDER 4439
(VERSION 1, PRIOR TO 6/27/03)**

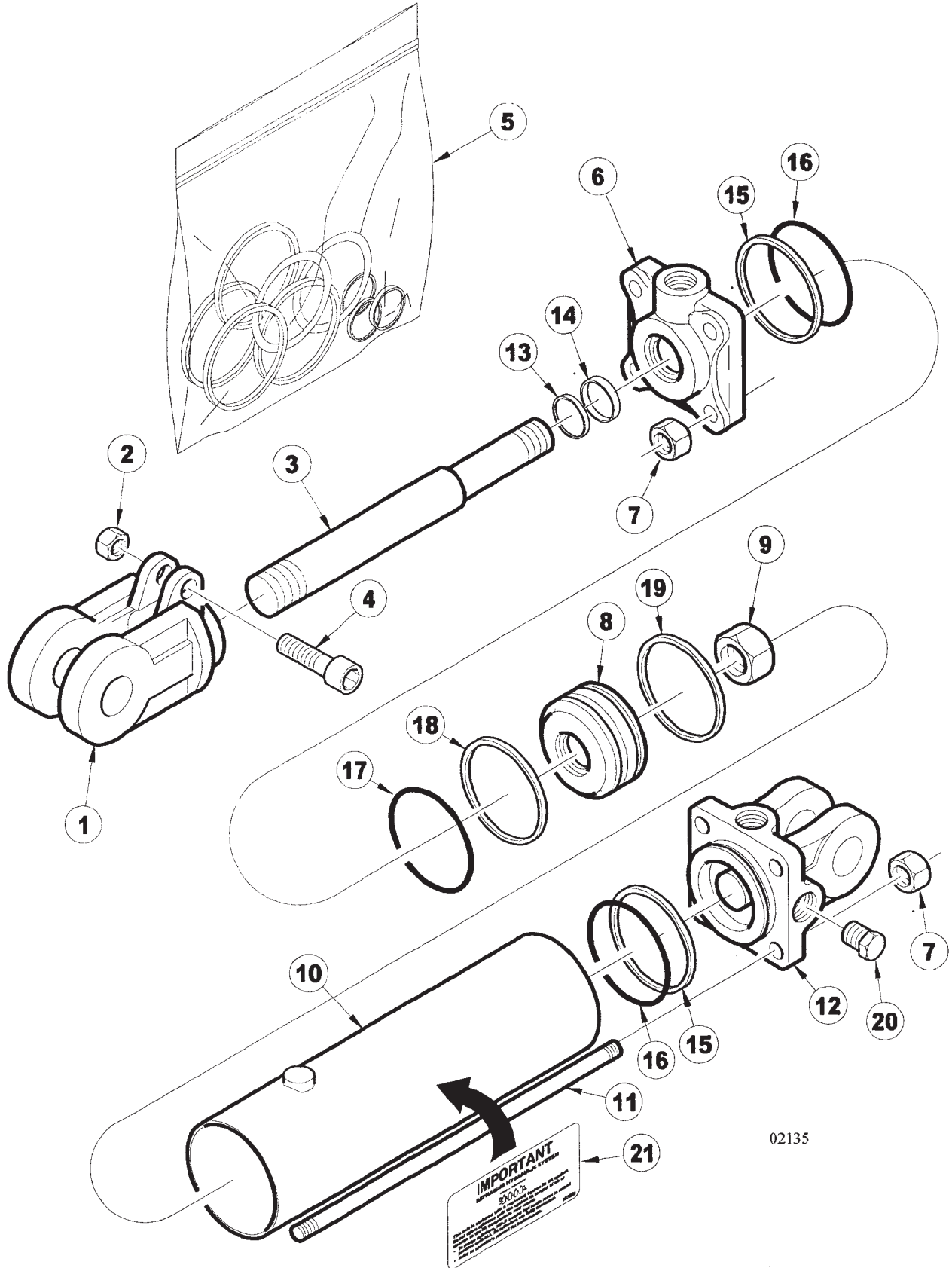
ITEM	NUMBER	QTY	DESCRIPTION
1	SN8610-1		CLEVIS, 1 1/4" THREADS, 1" PIN W/BUSHING, CROSS
2	SN8671-1		CAPSCREW NUT, 5/16" THREADS CROSS
3	SN8889-1		ROD, 1 1/4" DIA, 8" REPHASING CROSS
4	SN8631-1		CAPSCREW, CROSS
5	SN8775-1		SEAL KIT, 3 1/2", 1 1/4" ROD, REPHASING CROSS
6	SN8735-10		HEAD, 3 1/2", 1 1/4" ROD REPHASING, CROSS
7	SN8863-1		TIE ROD NUT, 9/16" THREADS CROSS
8	SN8716-1		PISTON, 3 1/2" W/1" HOLE REPHASING CROSS
9	SN8683-1		PISTON NUT, 1" CROSS
10	SN8821-1		TUBE, 3 1/2" X 8" REPHASING CROSS
11	SN8852-1		TIE ROD BOLT, 3 1/2" X 8" CROSS
12	SN8700-10		BASE, 3 1/2" (ORB), 1" PIN REPHASING CROSS
13			* WIPER
14			* U-CUP
15			* BACKUP
16			* O-RING
17			* O-RING
18			* TEFLON RING
19			* WEAR RING
20	SN4458		PLUG, 3/4"-16 O.R. * AVAILABLE IN THE SEAL KIT ONLY!

NOTE: WHEN ORDERING HYDRAULIC CYLINDER COMPONENTS, BE SURE TO NOTE THE PART NUMBER AND CYLINDER PSI. (LOCATED ON THE CYLINDER DECAL) AS THEY CONTAIN DIFFERENT COMPONENTS. OLDER CYLINDERS WERE 2500 PSI. AND THE NEW CYLINDERS ARE 3000 PSI. IDENTIFYING THE PART NUMBER OF THE CYLINDER IS EXTREMELY IMPORTANT WHEN ORDERING PARTS TO ENSURE PROPER OPERATION OF THE HYDRAULIC CYLINDER.

I0002135
PR: t05g29j22d0013

4510 DISC CHISEL
SERVICE PARTS

3 1/2" X 8" HYDRAULIC CYLINDER
12061R (VERSION 2, 6/27/03 & LATER)



02135

**4510 DISC CHISEL
SERVICE PARTS**

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**3 1/2" X 8" HYDRAULIC CYLINDER
12061R (VERSION 2, 6/27/03 & LATER)**

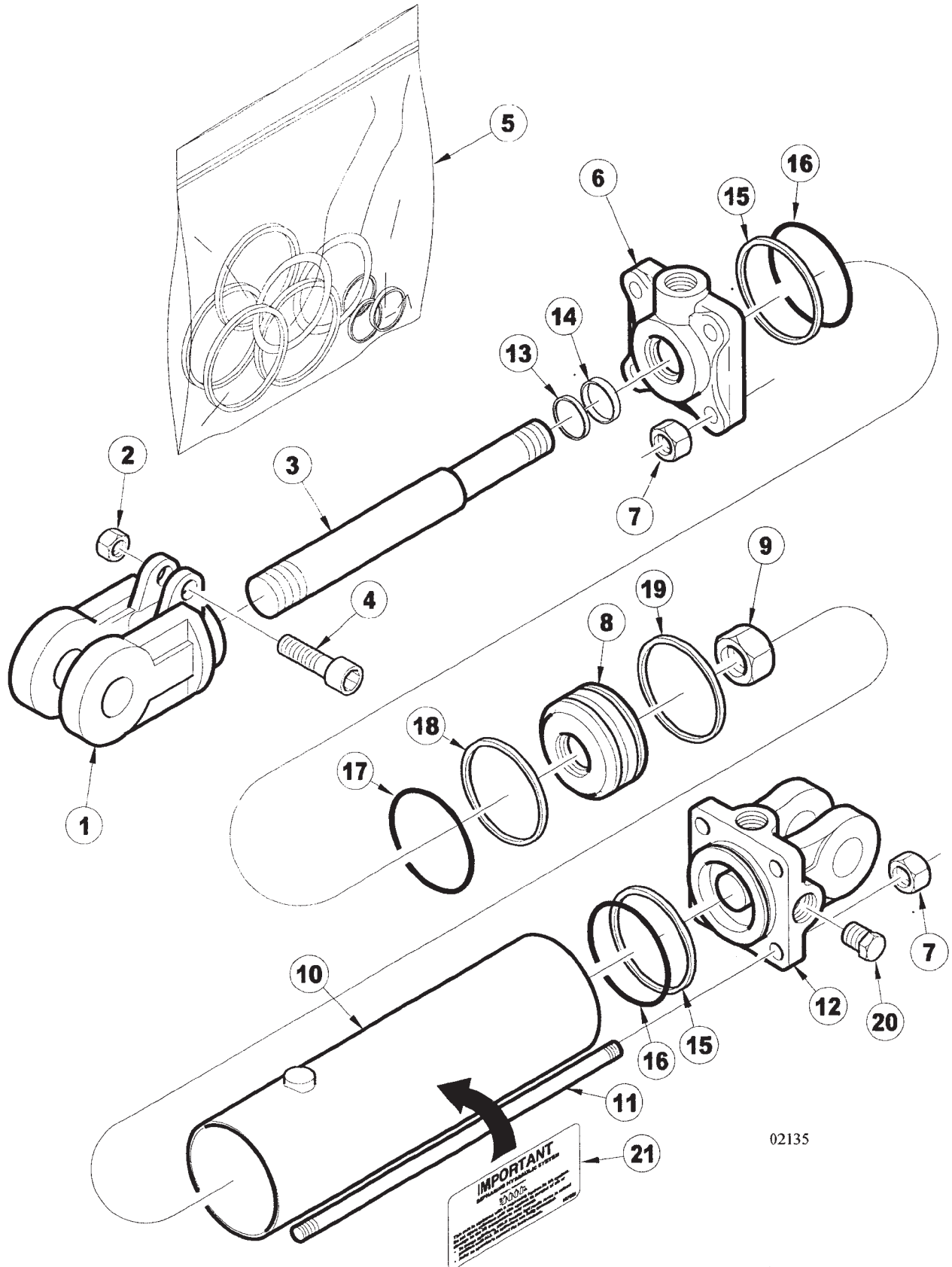
ITEM	NUMBER	QTY	DESCRIPTION
1	SN8610-1		CLEVIS, 1 1/4" THREADS, 1" PIN W/BUSHING, CROSS
2	SN8671-1		CAPSCREW NUT, 5/16" THREADS CROSS
3	SN12062		ROD, 1 1/4" DIA, 8" REPHASING CROSS
4	SN8631-1		CAPSCREW, CROSS
5	SN8775-1		SEAL KIT, 3 1/2", 1 1/4" ROD, REPHASING CROSS
6	SN8957-10		HEAD, 3 1/2", 1 1/4" ROD REPHASING, CROSS
7	SN8863-1		TIE ROD NUT, 9/16" THREADS CROSS
8	SN8660-1		PISTON, 3 1/2" W/1" HOLE REPHASING CROSS
9	SN8683-1		PISTON NUT, 1" CROSS
10	SN12063		TUBE, 3 1/2" X 8" REPHASING CROSS
11	SN12064		TIE ROD BOLT, 3 1/2" X 8" CROSS
12	SN8927-10		BASE, 3 1/2" (ORB), 1" PIN REPHASING CROSS
13			* WIPER
14			* U-CUP
15			* BACKUP
16			* O-RING
17			* O-RING
18			* TEFLON RING
19			* WEAR RING
20	SN4458		PLUG, 3/4"-16 O.R.

* AVAILABLE IN THE SEAL KIT ONLY!
NOTE: WHEN ORDERING HYDRAULIC
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I0002135
PR: t05g29j22d0014

4510 DISC CHISEL
SERVICE PARTS

3 1/4" X 8" HYDRAULIC CYLINDER
4440 (VERSION 1, PRIOR TO 8/12/03)



**4510 DISC CHISEL
SERVICE PARTS**

35

**3 1/4" X 8" HYDRAULIC CYLINDER
4440 (VERSION 1, PRIOR TO 8/12/03)**

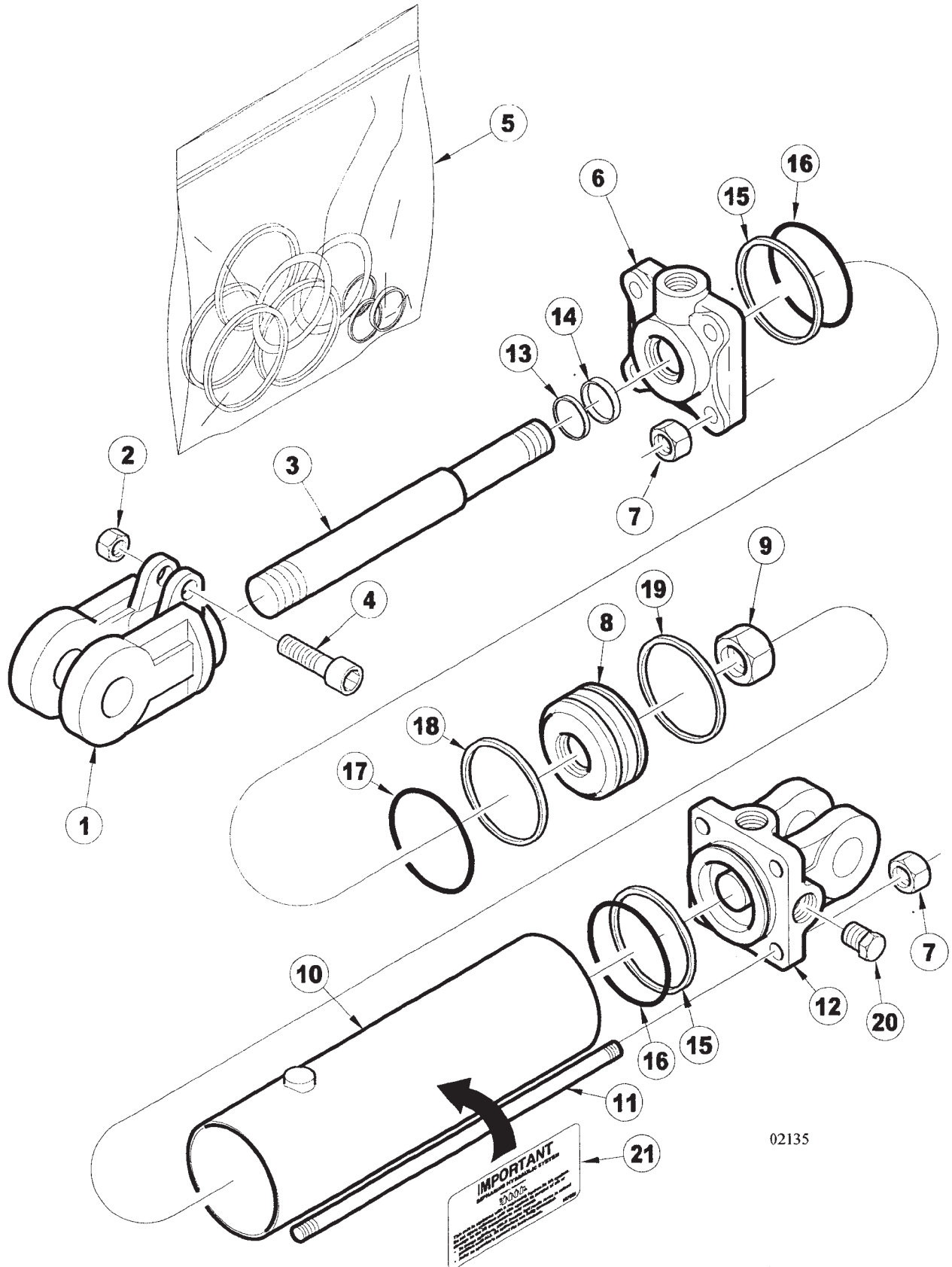
ITEM	NUMBER	QTY	DESCRIPTION
1	SN8610-1		CLEVIS, 1 1/4" THREADS, 1" PIN W/BUSHING, CROSS
2	SN8671-1		CAPSCREW NUT, 5/16" THREADS CROSS
3	SN8889-1		ROD, 1 1/4" DIA, 8" REPHASING CROSS
4	SN8631-1		CAPSCREW, CROSS
5	SN8767-1		SEAL KIT, 3 1/4", 1 1/4" ROD REPHASING, CROSS
6	SN8725-10		HEAD, 3 1/4", 1 1/4" ROD REPHASING, CROSS
7	SN8863-1		TIE ROD NUT, 9/16" THREADS CROSS
8	SN8710-1		PISTON, 3 1/4" W/1" HOLE REPHASING CROSS
9	SN8683-1		PISTON NUT, 1" CROSS
10	SN8819-1		TUBE, 3 1/4" X 8" REPHASING CROSS
11	SN8852-1		TIE ROD BOLT, 3 1/2" X 8" CROSS
12	SN8709-10		BASE, 3 1/4" REPHASING CROSS
13			* WIPER
14			* U-CUP
15			* BACKUP
16			* O-RING
17			* O-RING
18			* TEFLON RING
19			* WEAR RING
20	SN4458		PLUG, 3/4"-16 O.R

* AVAILABLE IN THE SEAL KIT ONLY!
NOTE: WHEN ORDERING HYDRAULIC
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PROPER OPERATION OF THE HYDRAULIC
CYLINDER.

I0002135
PR: t05g29j22d0015

4510 DISC CHISEL
SERVICE PARTS

3 1/4" X 8" HYDRAULIC CYLINDER
12065R (VERSION 2, 8/12/03 & LATER)



**4510 DISC CHISEL
SERVICE PARTS**

37

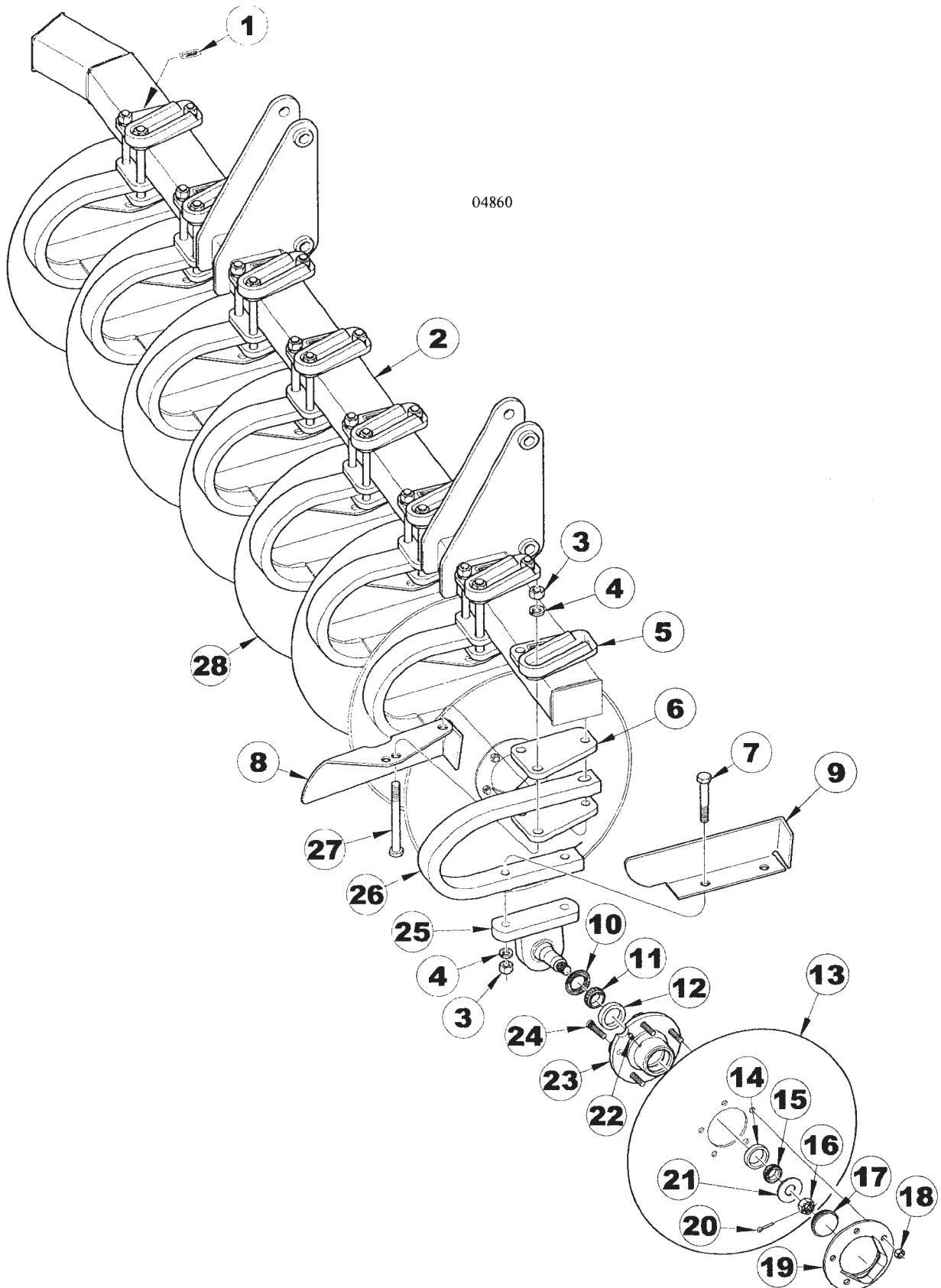
**3 1/4" X 8" HYDRAULIC CYLINDER
12065R (VERSION 2, 8/12/03 & LATER)**

ITEM	NUMBER	QTY	DESCRIPTION
1	SN8610-1		CLEVIS, 1 1/4" THREADS, 1" PIN W/BUSHING, CROSS
2	SN8671-1		CAPSCREW NUT, 5/16" THREADS CROSS
3	SN12062		ROD, 1 1/4" DIA, 8" REPHASING CROSS
4	SN8631-1		CAPSCREW, CROSS
5	SN8767-1		SEAL KIT, 3 1/4", 1 1/4" ROD REPHASING, CROSS
6	SN8614-10		HEAD, 3 1/4", 1 1/4" ROD REPHASING, CROSS
7	SN8863-1		TIE ROD NUT, 9/16" THREADS CROSS
8	SN8929-1		PISTON, 3 1/4" W/1" HOLE REPHASING CROSS
9	SN8683-1		PISTON NUT, 1" CROSS
10	SN12066		TUBE, 3 1/4" X 8" REPHASING CROSS
11	SN12064		TIE ROD BOLT, 3 1/2" X 8" CROSS
12	SN8930-10		BASE, 3 1/4" REPHASING CROSS
13			* WIPER
14			* U-CUP
15			* BACKUP
16			* O-RING
17			* O-RING
18			* TEFLON RING
19			* WEAR RING
20	SN4458		PLUG, 3/4"-16 O.R

* AVAILABLE IN THE SEAL KIT ONLY!
NOTE: WHEN ORDERING HYDRAULIC
CYLINDER COMPONENTS, BE SURE TO
NOTE THE PART NUMBER AND THE
CYLINDER PSI. (LOCATED ON THE
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IDENTIFYING THE PART NUMBER OF THE
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CYLINDER.

I0002135
PR: t05g29j22d0016

INDIVIDUAL FRONT BLADE ASSEMBLY



4510 DISC CHISEL
SERVICE PARTS

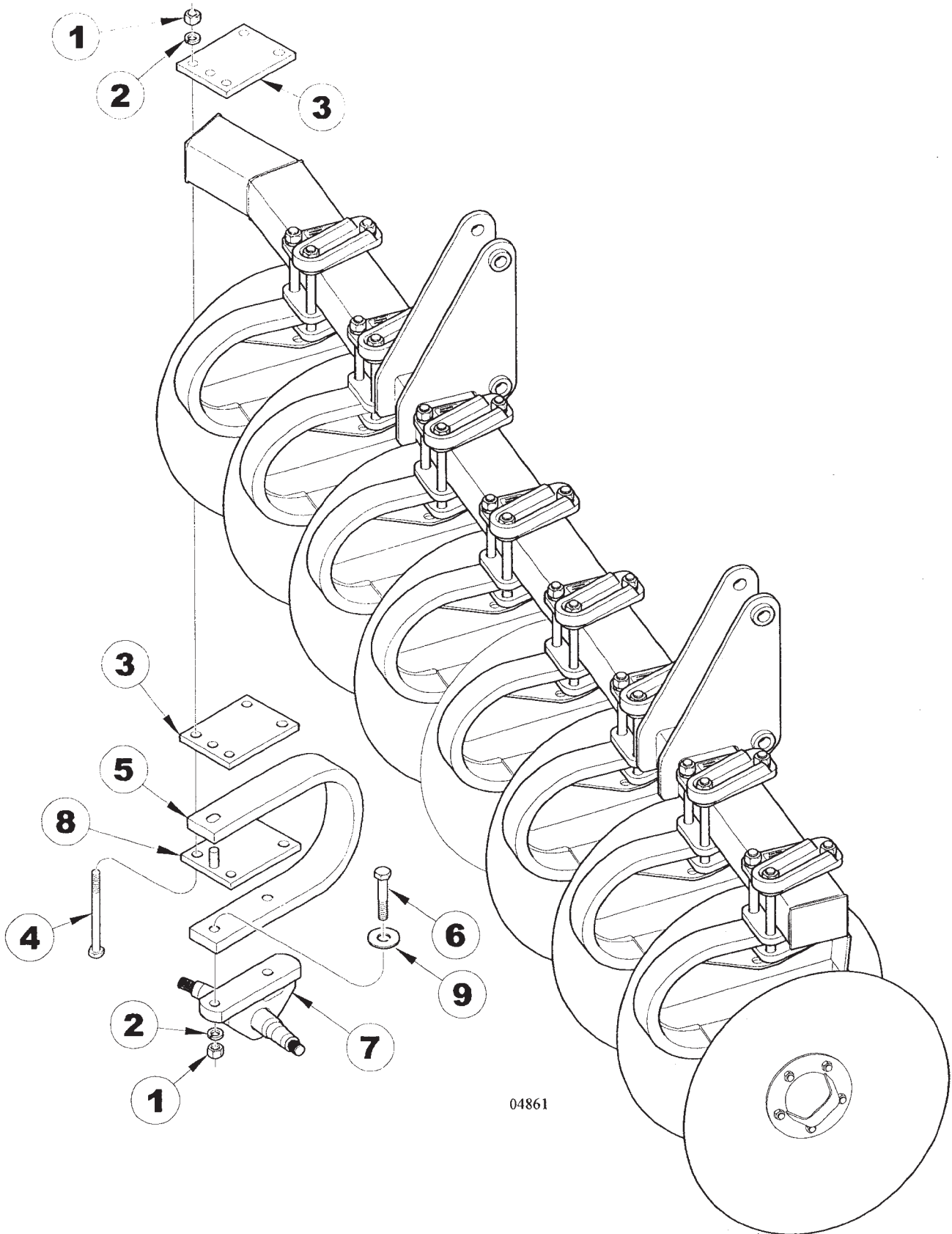
39

INDIVIDUAL FRONT BLADE ASSEMBLY

ITEM	NUMBER	QTY	DESCRIPTION
1	SN997654		PATENT DECAL, #6,158,523
2	SN9515		GANG BAR, 86" RT FRT
	SN9516		GANG BAR, 86" LT FRT
	SN9517		GANG BAR, 95" RT FRT
	SN9518		GANG BAR, 95" LT FRT
	SN9519		GANG BAR, 117" RT FRT
	SN9520		GANG BAR, 117" LT FRT
3	SN106		HEX NUT, 3/4"-10 FULL, GR 5, Z/P
4	SN1040		LOCK WASHER, 3/4" SPLIT TYPE MED, Z/P
5	SN9196		C-FLEX CLAMP PLATE, TOP RT
	SN9197		C-FLEX CLAMP PLATE, TOP LT (SHOWN)
6	SN9033		C-FLEX CLAMP PLATE
7	SN105		HEX BOLT 3/4"-10 X 3 1/2", GR 5, Z/P
8	SN9423		C-FLEX MOUNT SHIELD, TOP RIGHT
	SN9424		C-FLEX MOUNT SHIELD, TOP LEFT (SHOWN)
9	SN9426		C-FLEX MOUNT SHIELD, BOTTOM LEFT (SHOWN)
	SN9425		C-FLEX MOUNT SHIELD, BOTTOM RIGHT
10	SNFK310044		TRIPLE LIP SEAL
11	SN1602		BEARING (LM48548)
12	SN1603		RACE (LM48510)
13	SN7602N		20.18" BLADE, 5 BOLT, .256" THICK, 1.55" CON
14	SN1605		RACE (LM67010)
15	SN1606		BEARING (LM67048)
16	SN2491		HEX NUT, 7/8"-14 FULL SLOTTED GR 2, PLAIN
17	SN7604		DUST CAP, 2.448" OD X .74" TH, Z/P
18	SN1611		LUG NUT, 1/2"-20, GR 5, 90 DEG TAPER, Z/P
19	SN7377		RETAINER, HUB CAP
20	SN1609		COTTER PIN, 3/16" X 1 1/2"
21	SNFK340051		FLAT WASHER, 2" OD X 15/16" ID SPECIAL
22	SN2098-6		GREASE ZERK, 1/4"-28, 17/32" L
23	SNFK340090		FIVE BOLT HUB W/CUPS
24	SN1611-1		SHOULDER BOLT, 1/2"-20 X 2" PRESS IN, 5/8" SHOULDER
25	SN9119		SPINDLE, INDIVIDUAL DISC
26	SN5978		SHANK, C-FLEX, 1" X 2 1/2", LEFT (SHOWN)
	SN5977		SHANK, C-FLEX, 1" X 2 1/2", RIGHT
27	SN918		HEX BOLT, 3/4"-10 X 8", GR 5, Z/P
28	SN7599N		22.33" BLADE, 5 BOLT, .256" THICK, 2" CON

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PR: t05g29j22d0017

INDIVIDUAL CENTER BLADE ASSEMBLY



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4510 DISC CHISEL
SERVICE PARTS

41

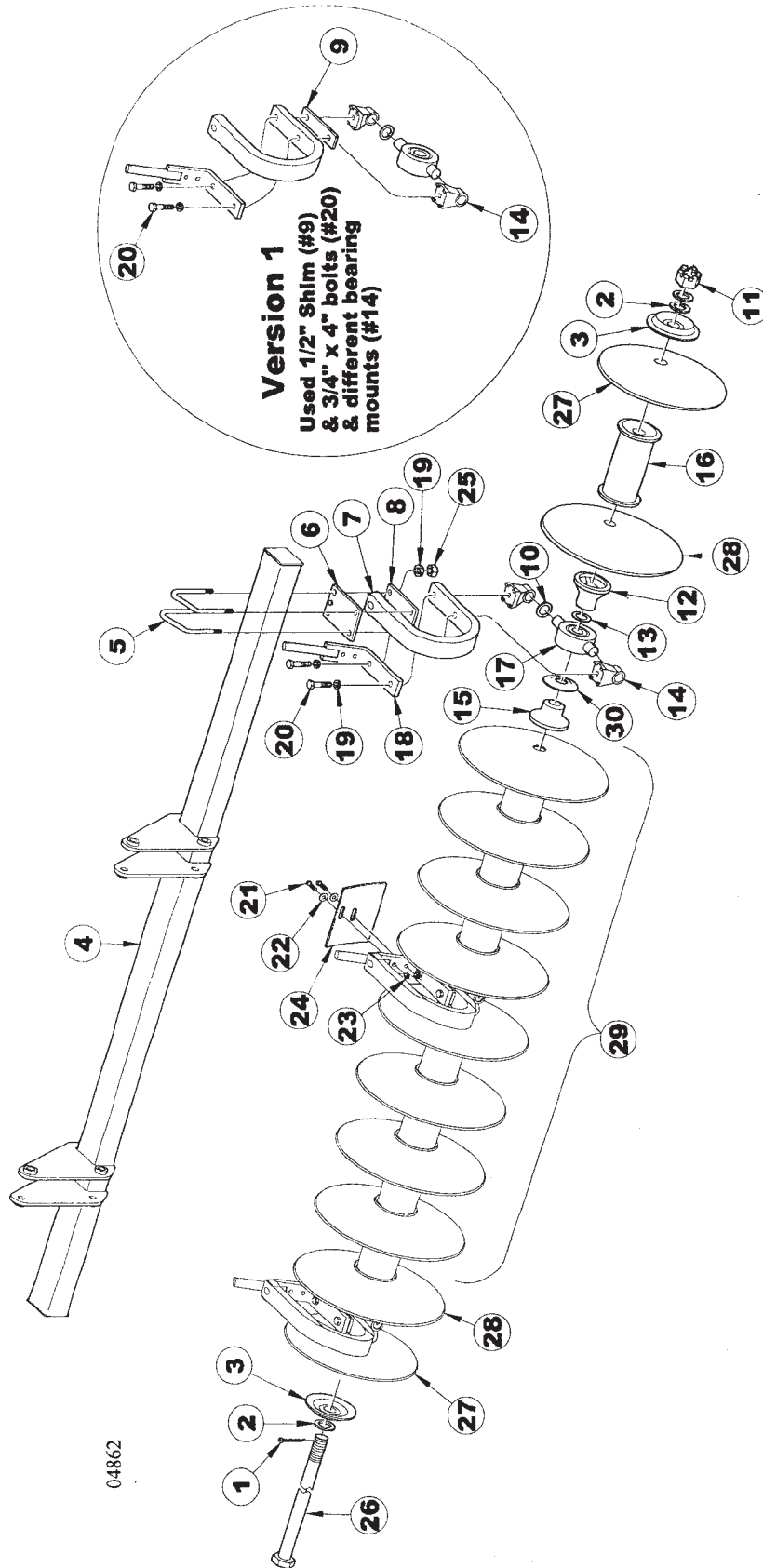
INDIVIDUAL CENTER BLADE ASSEMBLY

ITEM	NUMBER	QTY	DESCRIPTION
1	SN106		HEX NUT, 3/4"-10 FULL, GR 5, Z/P
2	SN1040		LOCK WASHER, 3/4" SPLIT TYPE MED, Z/P
3	SN9037		C-FLEX MOUNTING PLATE
4	SN918		HEX BOLT, 3/4"-10 X 8", GR 5, Z/P
5	SN10400		SHANK, 1 1/4" X 3" C-FLEX (NEW CENTER SHANK IS THICKER THAN OLD 4971B SHANK, BUT IS A DIRECT REPLACEMENT)
6	SN6406		HEX BOLT, 3/4"-10 X 3 1/2", 1 1/4" (MUST BE USED WITH NEW PART # 10400B SHANK)
7	SN9118		SPINDLE, INDIVIDUAL DISC, CTR
8	SN9153		C-FLEX MOUNTING PLATE W/STUD
9	SN893		FLAT WASHER, 3/4" Y/D (MUST BE USED WITH NEW PART # 10400B SHANK)

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PR: t05g29j22d0018

4510 DISC CHISEL
SERVICE PARTS

REAR GANG ASSEMBLY



**4510 DISC CHISEL
SERVICE PARTS**

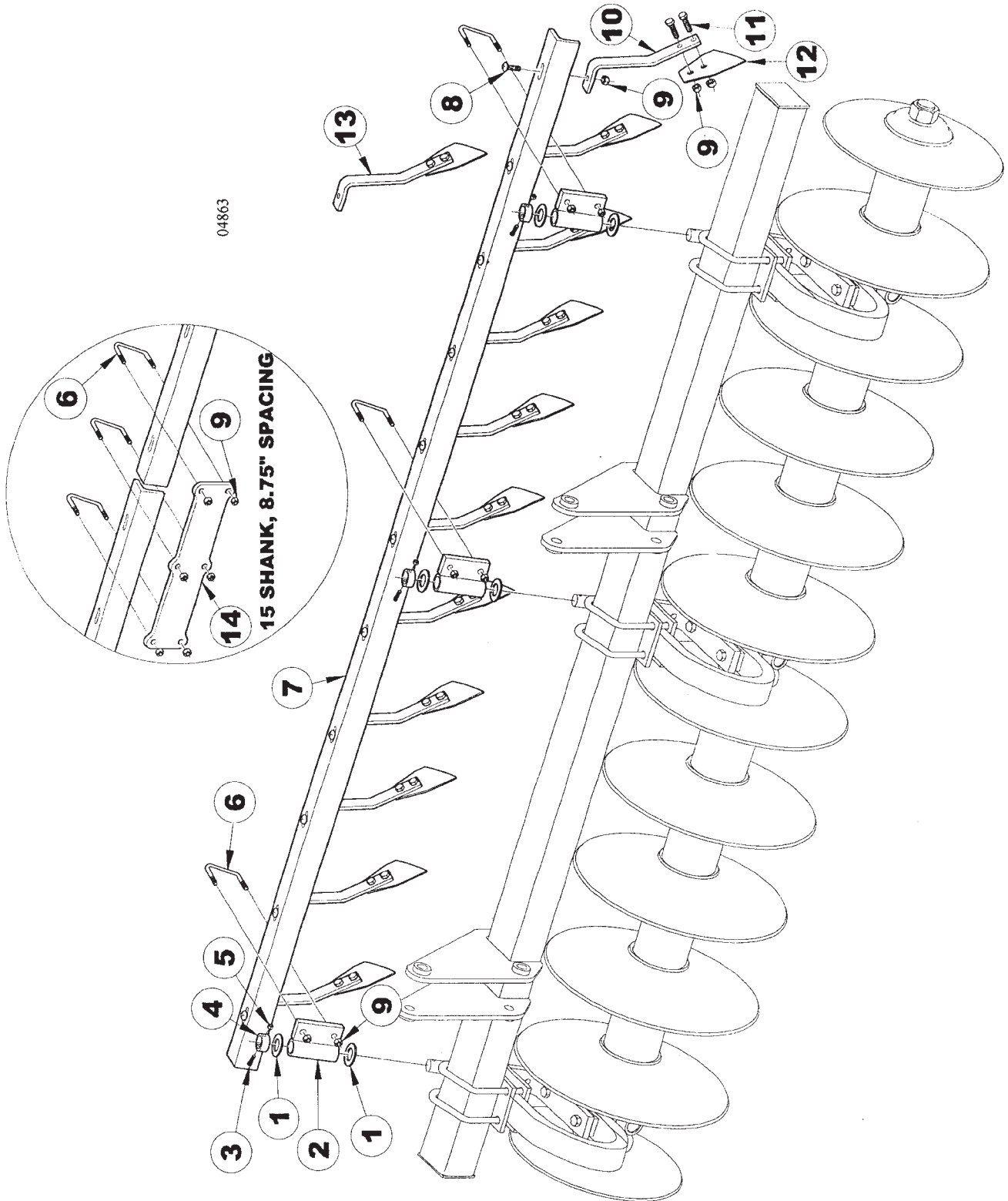
43

REAR GANG ASSEMBLY

ITEM	NUMBER	QTY	DESCRIPTION
1	SN108		COTTER PIN, 5/16" X 2 1/2", Z/P
2	SN2037		FLAT WASHER, 1 13/16" ID X 2 13/16" OD X 1/4" TH
3	SN2723B		SPRING END COLLAR, 1 3/4" BORE
4	SN9521		GANG BAR, 99" RT RR (11 SHANK)
	SN9522		GANG BAR, 99" LT RR (11 SHANK)
	SN9523		GANG BAR, 109 1/2" RT RR (13 SHANK)
	SN9524		GANG BAR, 109 1/2" LT RR (13 SHANK)
	SN9525		GANG BAR, 120" RT RR (15 SHANK)
	SN9526		GANG BAR, 120" LT RR (15 SHANK)
5	SN9008		U-BOLT, 3/4"-10 X 7 1/4" X 5 13/16" W, Z/P
6	SN6148		C-FLEX MOUNTING PLATE, TOP
7	SN5976		SHANK, C-FLEX, 1 1/4" X 2 1/2" LEFT
	SN5975		SHANK, C-FLEX, 1 1/4" X 2 1/2" RIGHT (SHOWN)
8	SN6147		C-FLEX MOUNTING PLATE
9	SN3937		SHIM, 1/2" THICK (USED ON OLD VERSION 1 ONLY)
10	SN3095		FLAT WASHER, 1 1/2" ID X 2 1/4" OD, 10 GA, Z/P
11	SN2036		HEX NUT, 1 3/4"-5 SLOTTED HEAVY GR 2, Z/P
12	SN7423		SPOOL, LONG BEARING, 10 1/2"
13	SN2756		FLAT WASHER, 1 13/16" ID X 2 13/16" OD, 10 GA, Z/P
14	SN3096		TRUNNION BEARING MOUNT (OLD VERSION 1 STYLE)
	SN9691		TRUNNION BEARING MOUNT (CURRENT VERSION)
15	SN2819		SPOOL, BEARING, 1 3/4" BORE, 9 1/2"
16	SN7346		SPOOL, FULL, 10 1/2"
17	SN3090		TRUNNION BEARING COMPLETE
18	SN7141		SCRAPER BAR ANCHOR, RIGID
19	SN1040		LOCK WASHER, 3/4" SPLIT TYPE MED, Z/P
20	SN7138		HEX BOLT, 3/4"-10 X 4" GR 8, Z/P (OLD VERSION 1 STYLE)
	SN6307		HEX BOLT, 3/4"-10 X 3" GR 8, Y/D (CURRENT VERSION)
21	SN330		HEX BOLT, 1/2"-13 X 2" GR 5, Z/P
22	SN486		FLAT WASHER, 1/2", Z/P
23	SN2096		LOCK NUT, 1/2"-13 HEX NYLON INSERT, GR 8, Z/P
24	SN9035		DUAL SCRAPER, 10 1/2" SP, REG CON
25	SN106		HEX NUT, 3/4"-10 FULL, GR 5, Z/P
26	SN2008		SHAFT, 101", 1 3/4" DIA (11 SHANK)
	SN9543		SHAFT, 111 1/2", 1 3/4" DIA (13 SHANK)
	SN9030		SHAFT, 122", 1 3/4" DIA (15 SHANK)
27	SN3283N		BLADE, 18", 1 3/4" BORE, 4 GA, 1 3/4" CONCAVITY
28	SN3271N		19.69" BLADE, 1 3/4" BORE 4 GA, 1 7/8"
29	SN2686N		22" BLADE, 1 3/4" BORE 4 GA, 2 1/2"
30	SN7863		TRUNNION BEARING SHIELD

I0004862
PR: t05g29j22d0019

REAR SCRAPER BAR ASSEMBLY



4510 DISC CHISEL
SERVICE PARTS

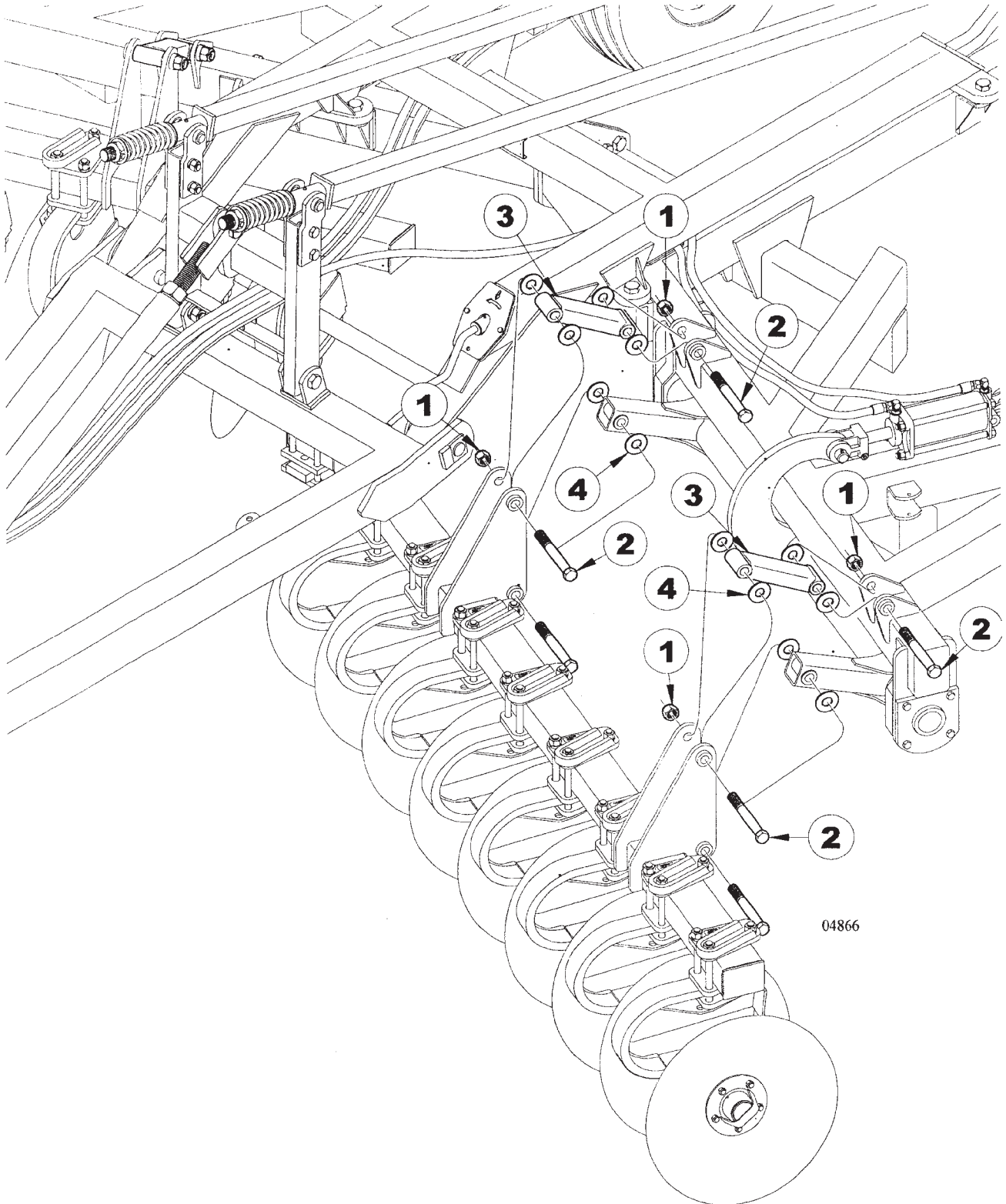
45

REAR SCRAPER BAR ASSEMBLY

ITEM	NUMBER	QTY	DESCRIPTION
1	SN2555		MACHINE BUSHING, 1 1/4" ID X 1 7/8" OD, 10 GA, Z/P
2	SN7140		SCRAPER BAR MOUNT
3	SN3880		SHOULDER BOLT, 5/16" X 1 3/4", GR 8 EQUIV
4	SN7139		LOCKING COLLAR W/O SET SCREW
5	SN3881		LOCK NUT, 1/4"-20 HEX NYLON INSERT, GR 2, Z/P
6	SN6773		U-BOLT, 1/2"-13 X 4 1/8" X 2 1/8" X 3 1/4" W, GR
7	SN7439		SCRAPER BAR, RIGID, 9 HOLE, 10 1/2" (11 SHANK)
	SN9533		SCRAPER BAR, RIGID, 10 HOLE, 10 1/2"
	SN7440		SCRAPER BAR, RIGID 11 HOLE, 10 1/2"
	SN7152		SCRAPER BAR, RIGID, 11 HOLE - 8.75" SP, RIGHT (11 SHANK)
	SN7153		SCRAPER BAR, RIGID, 11 HOLE - 8.75" SP, LEFT (11 SHANK)
	SN7892		SCRAPER BAR, RIGID, 12 HOLE - 8.75" SP, RIGHT (13 SHANK)
	SN7893		SCRAPER BAR, RIGID, 12 HOLE - 8.75" SP, LEFT (13 SHANK)
	SN7175		SCRAPER BAR, RIGID, 5 HOLE - 8.75" SP, LEFT (15 SHANK)(SHOWN IN BUBBLE)
	SN7149		SCRAPER BAR, RIGID, 9 HOLE - 8.75" SP, LEFT (15 SHANK)(SHOWN IN BUBBLE)
	SN7174		SCRAPER BAR, RIGID, 5 HOLE - 8.75" SP, RIGHT (15 SHANK)
	SN7148		SCRAPER BAR, RIGID, 9 HOLE - 8.75" SP, RIGHT (15 SHANK)
8	SN6101		CARRIAGE BOLT, 1/2"-13 X 1 3/4", GR 5, Z/P
9	SN2096		LOCK NUT, 1/2"-13 HEX NYLON INSERT, GR 8, Z/P
10	SN6732		SCRAPER ARM, 10 3/8" L
11	SN1823		HEX BOLT, 1/2"-13 X 1 1/4", GR 5, Z/P
12	SN6103		SCRAPER BLADE, 4" W RIGID
13	SN6733		SCRAPER BLADE W/ARM (10 3/8" L) RIGHT RIGID (SHOWN)
	SN6734		SCRAPER BLADE W/ARM (10 3/8" L) LEFT RIGID
14	SN10035		CONNECTOR, SCRAPER BAR

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PR: t05g29j22d0020

FRONT GANG MOUNTING



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**4510 DISC CHISEL
SERVICE PARTS**

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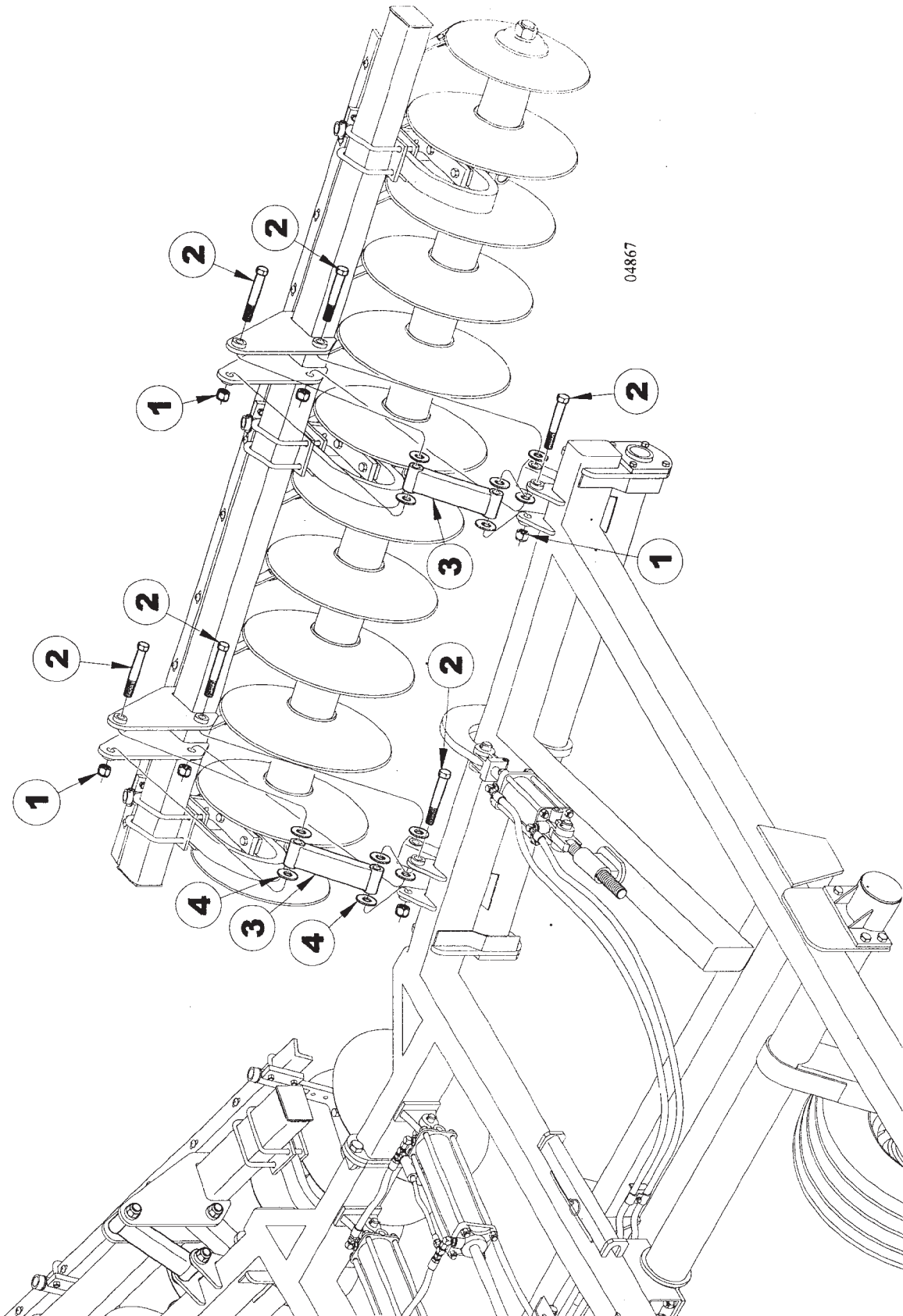
FRONT GANG MOUNTING

ITEM	NUMBER	QTY	DESCRIPTION
1	SN3938		LOCK NUT, 1"-8 HEX NYLON INSERT, GR 2, Z/P
2	SN109		HEX BOLT, 1"-8 X 7", GR 5, Z/P
3	SN9034		PARALLEL GANG LINK
4	SNFK150173		FLAT WASHER, 1" SAE, Z/P

I0004866
PR: t05g29j22d0021

4510 DISC CHISEL
SERVICE PARTS

REAR GANG MOUNTING



**4510 DISC CHISEL
SERVICE PARTS**

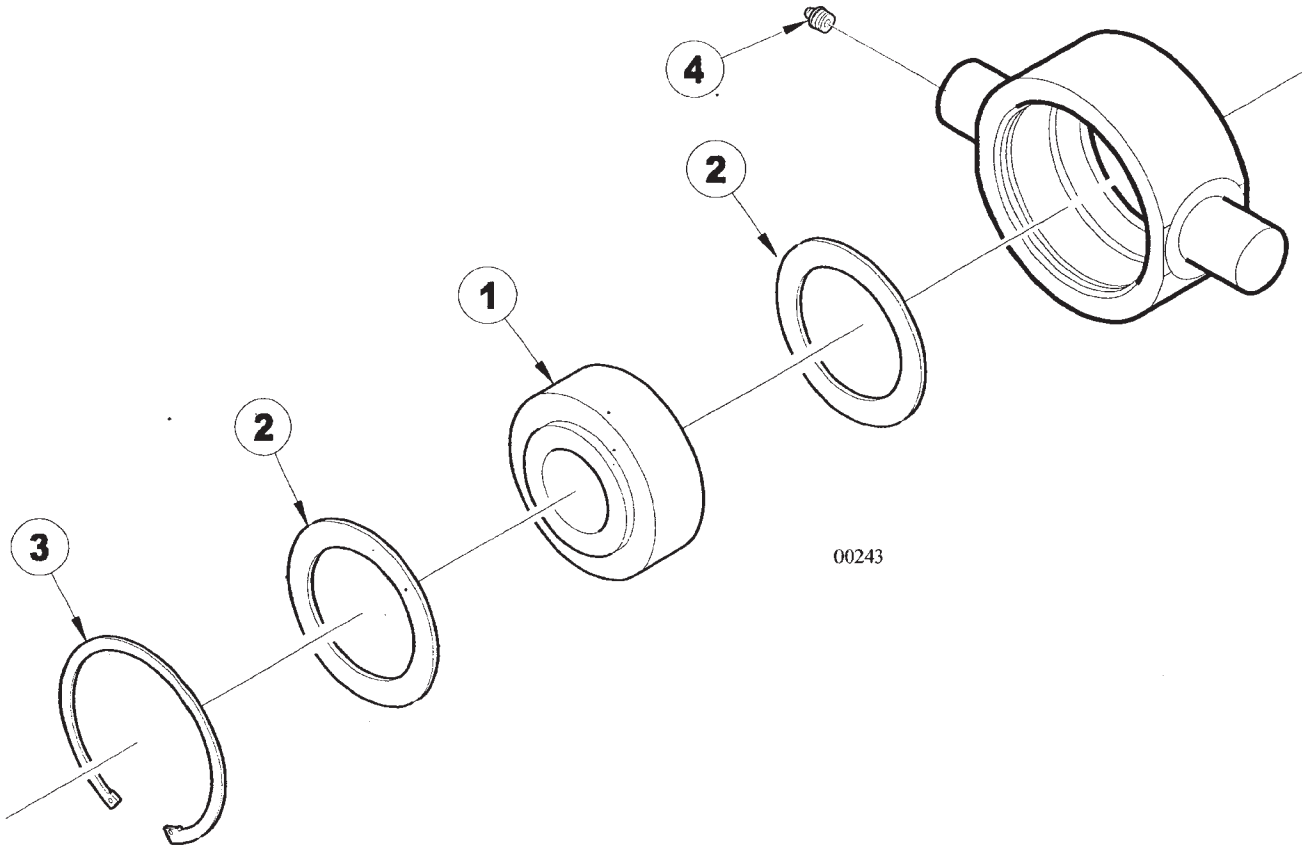
49

REAR GANG MOUNTING

ITEM	NUMBER	QTY	DESCRIPTION
1	SN3938		LOCK NUT, 1"-8 HEX NYLON INSERT, GR 2, Z/P
2	SN109		HEX BOLT, 1"-8 X 7", GR 5, Z/P
3	SN9034		PARALLEL GANG LINK
4	SNFK150173		FLAT WASHER, 1" SAE, Z/P

I0004867
PR: t05g29j22d0022

TRUNNION BEARING ASSEMBLY



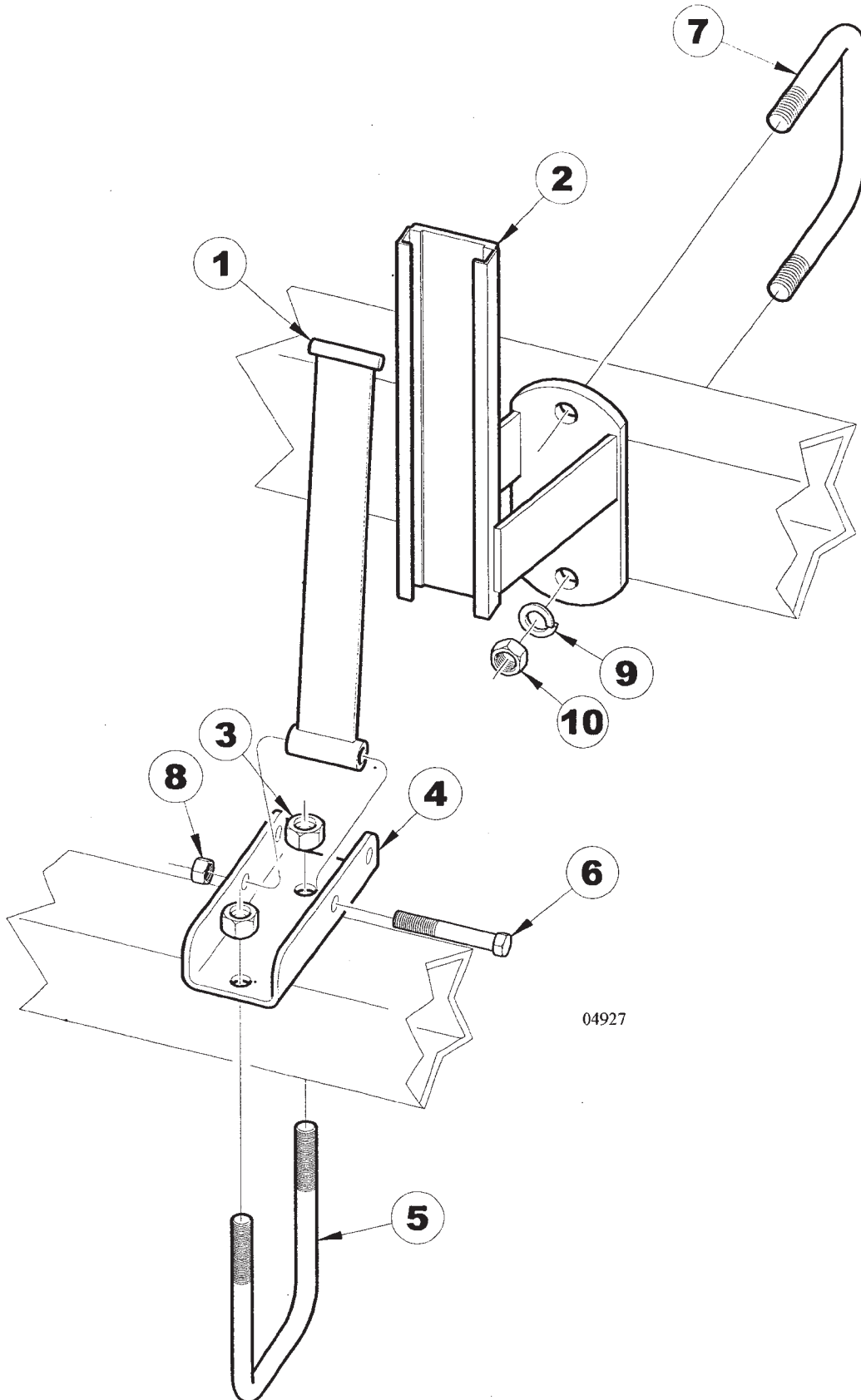
00243

TRUNNION BEARING ASSEMBLY

ITEM	NUMBER	QTY	DESCRIPTION
			(SUNFLOWER HOUSING, BCA BEARING)
1	SN3091		TRUNNION BEARING REPLACEMENT
2	SN4924		TRUNNION BEARING SHIELD (BCA)
3	SN3094		TRUNNION BEARING RETAINER (FAFNIR)
4	SN2098-1		1/8" GREASE ZERK (SUNFLOWER HOUSING, BCA BEARING)
1	SN3091		TRUNNION BEARING REPLACEMENT
2	SN4924		TRUNNION BEARING SHIELD (BCA)
3	SN4925		TRUNNION BEARING RETAINER (SUNFLOWER)
4	SN2098-1		1/8" GREASE ZERK (SUNFLOWER HOUSING, SEAL MASTER BEARING)
1	SN5338		TRUNNION BEARING REPLACEMENT (SEAL MASTER - P.N. SK-1507)
2	SN5337		TRUNNION BEARING SHIELD (SEAL MASTER)
3	SN4925		TRUNNION BEARING RETAINER (SUNFLOWER)
4	SN2098-1		1/8" GREASE ZERK (FAFNIR HOUSING, BCA BEARING)
1	SN3091		TRUNNION BEARING REPLACEMENT
2	SN3093		TRUNNION BEARING SHIELD
3	SN3094		TRUNNION BEARING RETAINER (FAFNIR)
4	SN2098-1		1/8" GREASE ZERK (FAFNIR HOUSING, SEAL MASTER BEARING)
1	SN5338		TRUNNION BEARING REPLACEMENT (SEAL MASTER-P.N. SK-1507)
2	SN3093		TRUNNION BEARING SHIELD
3	SN3094		TRUNNION BEARING RETAINER (FAFNIR)
4	SN2098-1		1/8" GREASE ZERK (FAFNIR HOUSING, FAFNIR BEARING)
1	SN5434		TRUNNION BEARING REPLACEMENT (FAFNIR-P.N. GW211PP25)
2	SN3093		TRUNNION BEARING SHIELD
3	SN3094		TRUNNION BEARING RETAINER (FAFNIR)
4	SN2098-1		1/8" GREASE ZERK (SUNFLOWER HOUSING, FAFNIR BEARING)
1	SN5434		TRUNNION BEARING REPLACEMENT (FAFNIR-P.N. GW11PP25)
2	SN5337		TRUNNION BEARING SHIELD
3	SN4925		TRUNNION BEARING RETAINER (SUNFLOWER)
4	SN2098-1		1/8" GREASE ZERK TRUNNION BEARING SHIELD SPECIFICATIONS
	SN3093		2.805" I.D. X 3.929" O.D. X .1345" THICK
	SN4924		2.8375" I.D. X 3.929" O.D. X .100" THICK
	SN5337		2.77" I.D. X 3.929" O.D. X .100" THICK
	SN3094		TRUNNION BEARING RETAINER THICKNESS .109" THICK
	SN4925		.092" THICK

4510 DISC CHISEL
SERVICE PARTS

FRONT DEPTH CONTROL INDICATOR
ASSEMBLY



04927

4510 DISC CHISEL
SERVICE PARTS

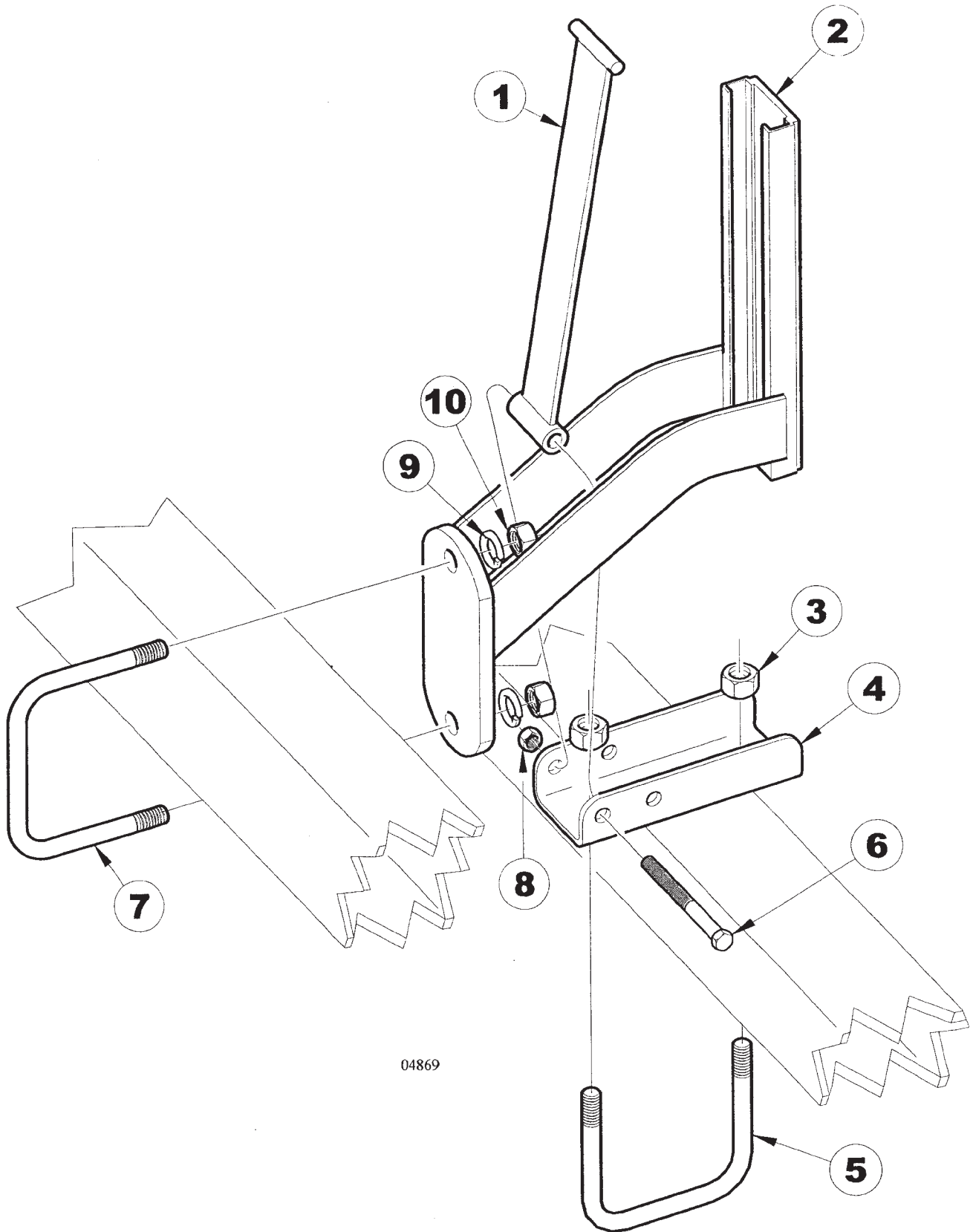
53

FRONT DEPTH CONTROL INDICATOR
ASSEMBLY

ITEM	NUMBER	QTY	DESCRIPTION
1	SN7373		CONNECTOR, DEPTH CONTROL INDICATOR
2	SN9536		DEPTH GAUGE
3	SN669-1		LOCK NUT, 5/8" HEX NYLON INSERT
4	SN9095		BRACKET, DEPTH INDICATOR
5	SN6102		U-BOLT, 5/8"-11 X 5 1/2" X 5 11/16
6	SN140		HEX BOLT, 1/2"-13 X 4 1/2", GR 5,
7	SN3763		U-BOLT, 3/4"-10 X 5 3/4" X 6 3/4"
8	SN2096		LOCK NUT, 1/2"-13 HEX NYLON INSERT
9	SN1040		LOCK WASHER, 3/4" SPLIT TYPE MED, Z/P
10	SN106		HEX NUT, 3/4"-10 FULL, GR 5, Z/P

I0004927
PR: t05g29j22d0024

REAR DEPTH CONTROL INDICATOR
ASSEMBLY



04869

4510 DISC CHISEL
SERVICE PARTS

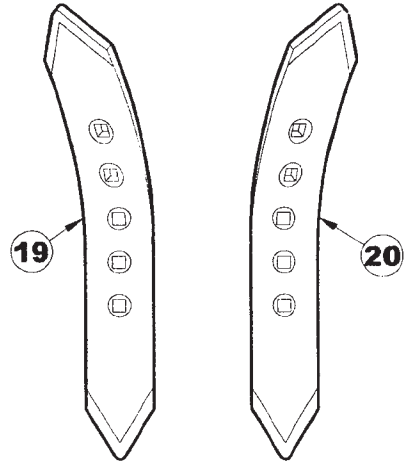
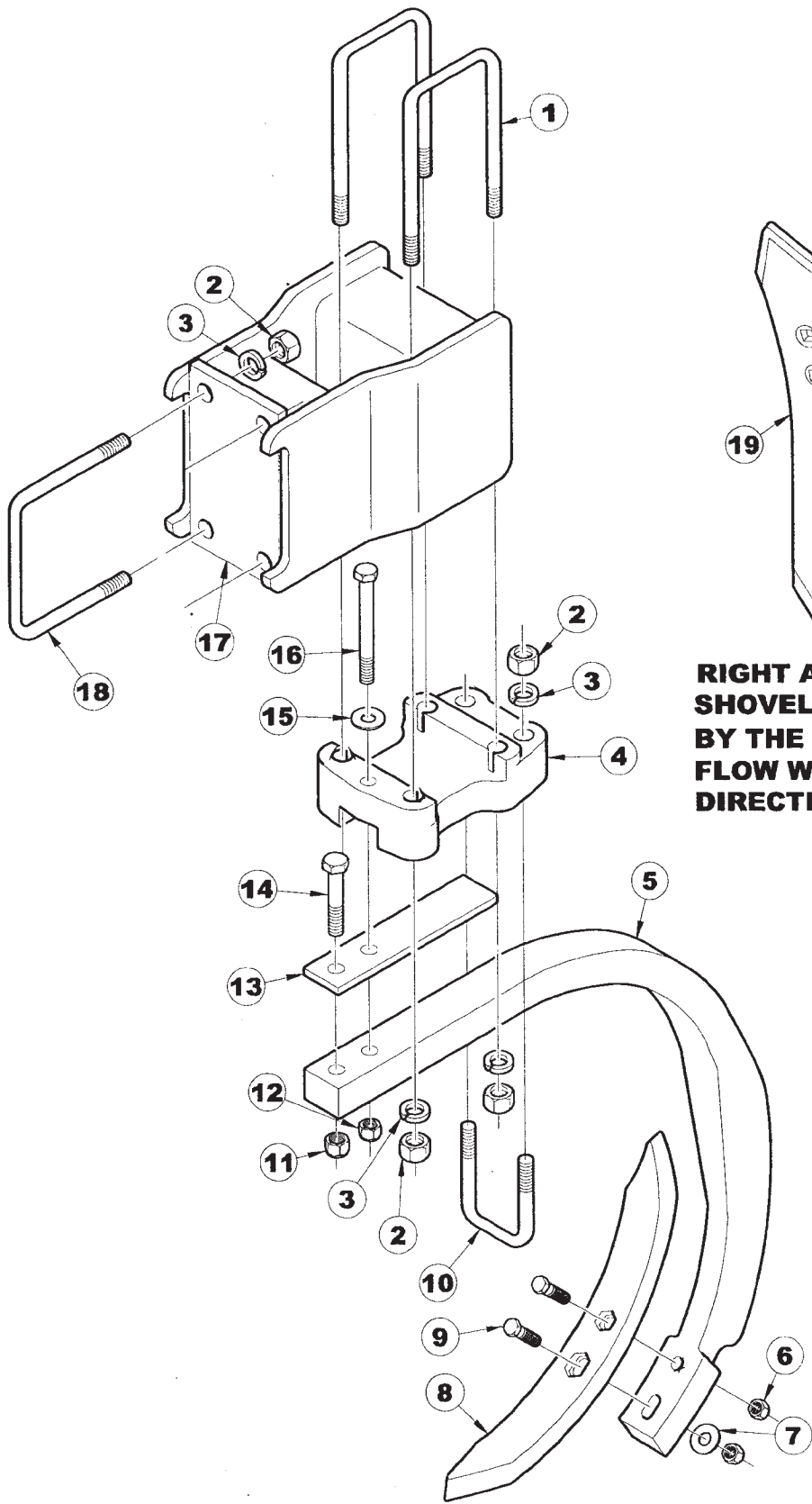
55

REAR DEPTH CONTROL INDICATOR
ASSEMBLY

ITEM	NUMBER	QTY	DESCRIPTION
1	SN7373		CONNECTOR, DEPTH CONTROL INDICATOR
2	SN9564		DEPTH GAUGE
3	SN669-1		LOCK NUT, 5/8" HEX NYLON INSERT, GR 5, Z/P
4	SN9095		DEPTH INDICATOR BRACKET
5	SN6102		U-BOLT, 5/8"-11 X 5 1/2" X 5 11/16" W, GR 5, Z/P
6	SN140		HEX BOLT, 1/2"-13 X 4 1/2", GR 5, Z/P
7	SN3763		U-BOLT, 3/4"-10 X 5 3/4" X 6 3/4" W, GR 5, Z/P
8	SN2096		LOCK NUT, 1/2"-13 HEX NYLON INSERT, GR 8, Z/P
9	SN1040		LOCK WASHER, 3/4" SPLIT TYPE MED, Z/P
10	SN106		HEX NUT, 3/4"-10 FULL, GR 5, Z/P

I0004869
PR: t05g29j22d0025

RIGID SHANK ASSEMBLY



**RIGHT AND LEFT TWISTED
SHOVELS ARE DETERMINED
BY THE DIRECTION OF THE DIRT
FLOW WHEN FACING THE
DIRECTION OF TRAVEL.**

04865

**4510 DISC CHISEL
SERVICE PARTS**

57

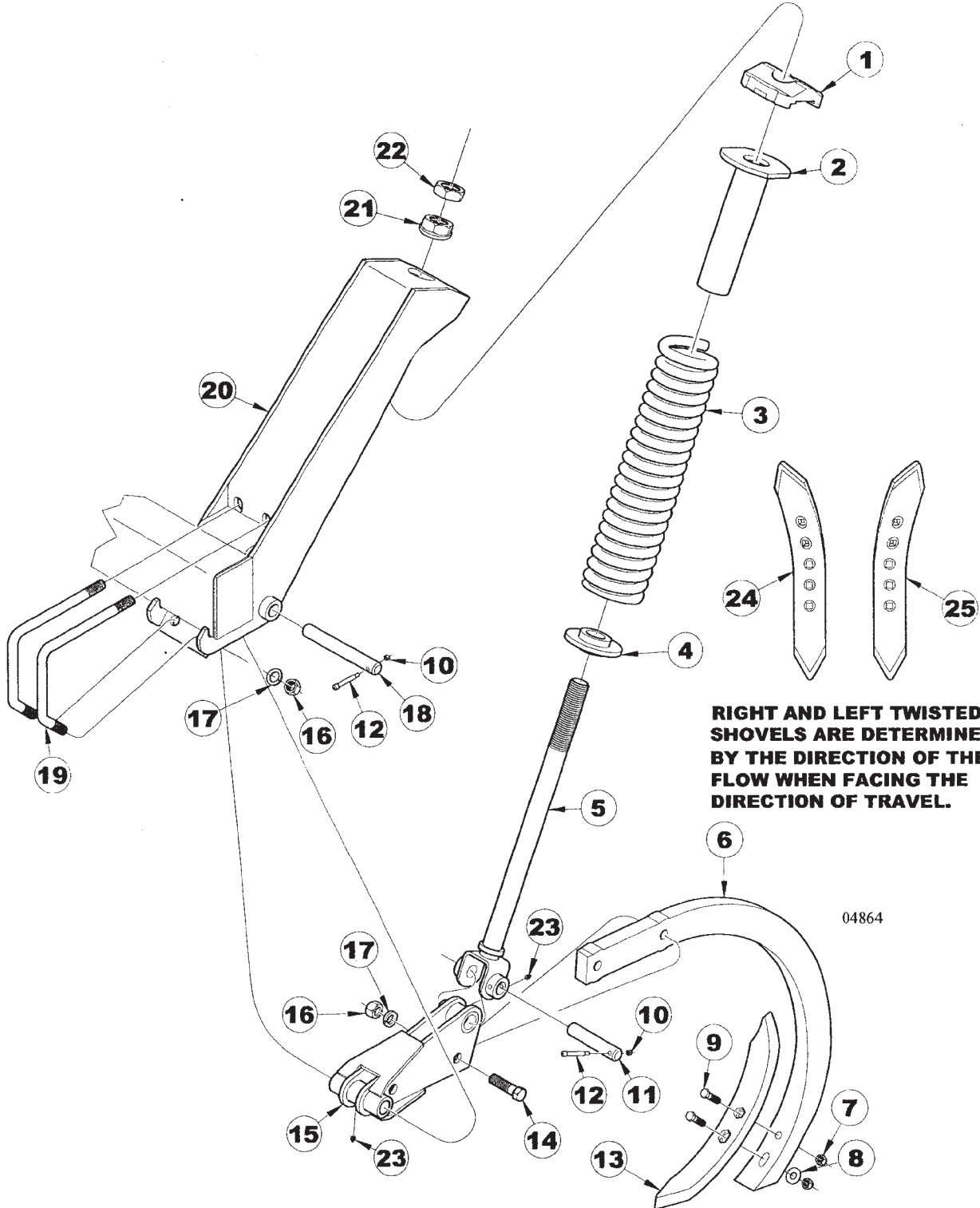
RIGID SHANK ASSEMBLY

ITEM	NUMBER	QTY	DESCRIPTION
1	SN3755		U-BOLT, 3/4"-10 X 8 3/4" X 4 13/16" W, GR 5, Z/P
2	SN106		HEX NUT, 3/4"-10 FULL, GR 5, Z/P
3	SN1040		LOCK WASHER, 3/4" SPLIT TYPE MED, Z/P
4	SN3751		SHANK CLAMP CASTING-RED
5	SN5540		SHANK, 1 1/2" X 2" X 30", EDGE BENT, 50 DEG
6	SN2096		LOCK NUT, 1/2"-13 HEX NYLON INSERT, GR 8, Z/P
7	SN486		FLAT WASHER, 1/2", Z/P
8	SN4810		POINT, 1" X 2" X 18", REV, HEAVY DUTY
9	SN156 SN2949		HEX BOLT, 1/2"-13 X 3", GR 5 Z/P PLOW BOLT, 1/2"-13 X 3", GR 5, Y/D (USED WITH TWISTED SHOVELS)
10	SN3754		U-BOLT, 3/4"-10 X 4 1/4" X 3 3/8" W, GR 5, Z/P
11	SN669-1		LOCK NUT, 5/8" HEX NYLON INSERT, GR 5, Z/P
12	SN3757		LOCK NUT, 9/16"-12 HEX NYLON INSERT, GR 8, PLATED
13	SN3753B		SHANK STOP
14	SN3758		HEX BOLT, 5/8"-11 X 3", GR 5, Z/P
15	SN3759		FLAT WASHER, 9/16", Z/P
16	SN3756		HEX BOLT, 9/16"-12 X 4 1/2", GR 5, Z/P
17	SN7309		* SHANK MOUNT, OFFSET
18	SN3763		U-BOLT, 3/4"-10 X 5 3/4" X 6 3/4" W, GR 5, Z/P
19	SN1725		SHOVEL, 1/2" X 3" RIGHT TWISTED
20	SN1726		SHOVEL, 1/2" X 3" LEFT TWISTED

NOTE:7309R (ONLY USED IN TWO
LOCATIONS - REFER TO PLACEMENT
DRAWINGS STARTING ON PG. 28)

I0004865
PR: t05g29j22d0026

AUTO-RESET SHANK ASSEMBLY



4510 DISC CHISEL
SERVICE PARTS

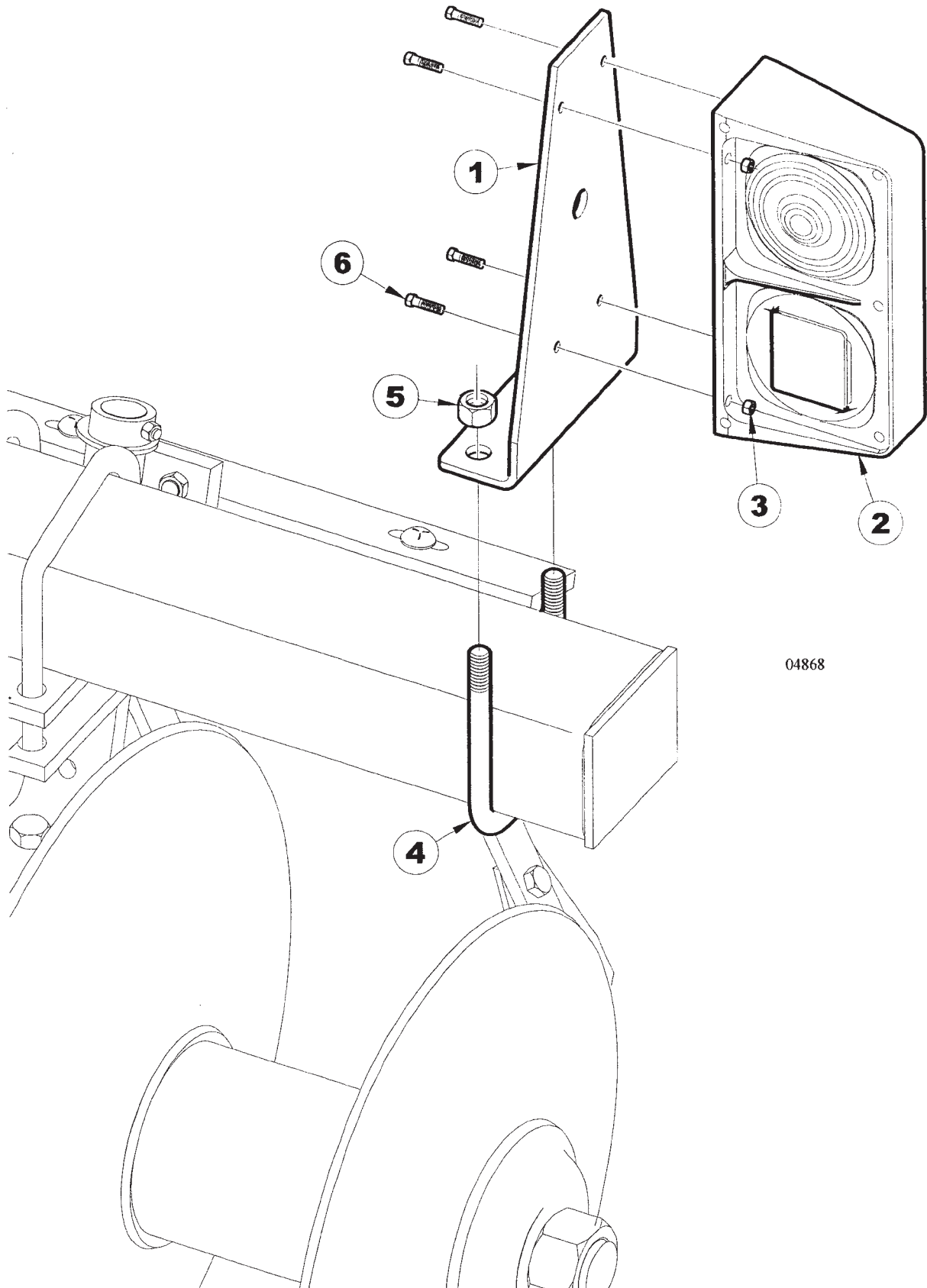
59

AUTO-RESET SHANK ASSEMBLY

ITEM	NUMBER	QTY	DESCRIPTION
1	SN5422		PIVOT PLATE, AUTO RESET SHANK
2	SN5424		SPRING TUBE
3	SN5419		SPRING, 4.375" OD X 2.625" ID X 17.59" L COMPRESSION
4	SN5426		SPRING WASHER
5	SN9370		SPRING ROD
6	SN5418		SHANK, 1 1/4" X 2 1/2" X 30"
7	SN2096		LOCK NUT, 1/2"-13 HEX NYLON INSERT, GR 8, Z/P
8	SN486		FLAT WASHER, 1/2", Z/P
9	SN1304		HEX BOLT, 1/2"-13 X 2 3/4", GR 5, Z/P
	SN2959		PLOW BOLT, 1/2"-13 X 3", GR 5, Y/D (USED WITH TWISTED SHOVELS)
10	SN3881		LOCK NUT, 1/4"-20 HEX NYLON INSERT, GR 2, Z/P
11	SN5544		PIN, 1" X 4 1/4" (3 23/32"), Z/P
12	SN3880		SHOULDER BOLT, 5/16" X 1 3/4", GR 8 EQUIV
13	SN4810		POINT, 1" X 2" X 18", REV, HEAVY DUTY
14	SN9493		HEX BOLT, 3/4"-10 X 3", 1" THD, GR5, Z/P
15	SN9969		SHANK HOLDER
16	SN106		HEX NUT, 3/4"-10 FULL, GR 5, Z/P
17	SN1040		LOCK WASHER, 3/4" SPLIT TYPE MED, Z/P
18	SN3163		PIN, 1" X 7 1/2" (6 27/32"), Z/P
19	SN5428		L-BOLT, 3/4"-10 X 9"
20	SN5429		SHANK MOUNT
21	SN5425		HEX FLANGE NUT, 1 1/2"-6 UNC Z/P
22	SN2079		JAM NUT, 1 1/2"-6 HEX, GR 2, Z/P
23	SN2098-1		GREASE ZERK, 1/8" NPTF, 5/8" L
24	SN1725		SHOVEL, 1/2" X 3" RIGHT TWISTED
25	SN1726		SHOVEL, 1/2" X 3" LEFT TWISTED
	SN5421		SHANK ASSY, AUTO RESET (ITEMS 1-6, 10-12, 14-19)

I0004864
PR: t05g29j22d0027

LIGHT KIT MOUNTING BRACKET



04868

4510 DISC CHISEL
SERVICE PARTS

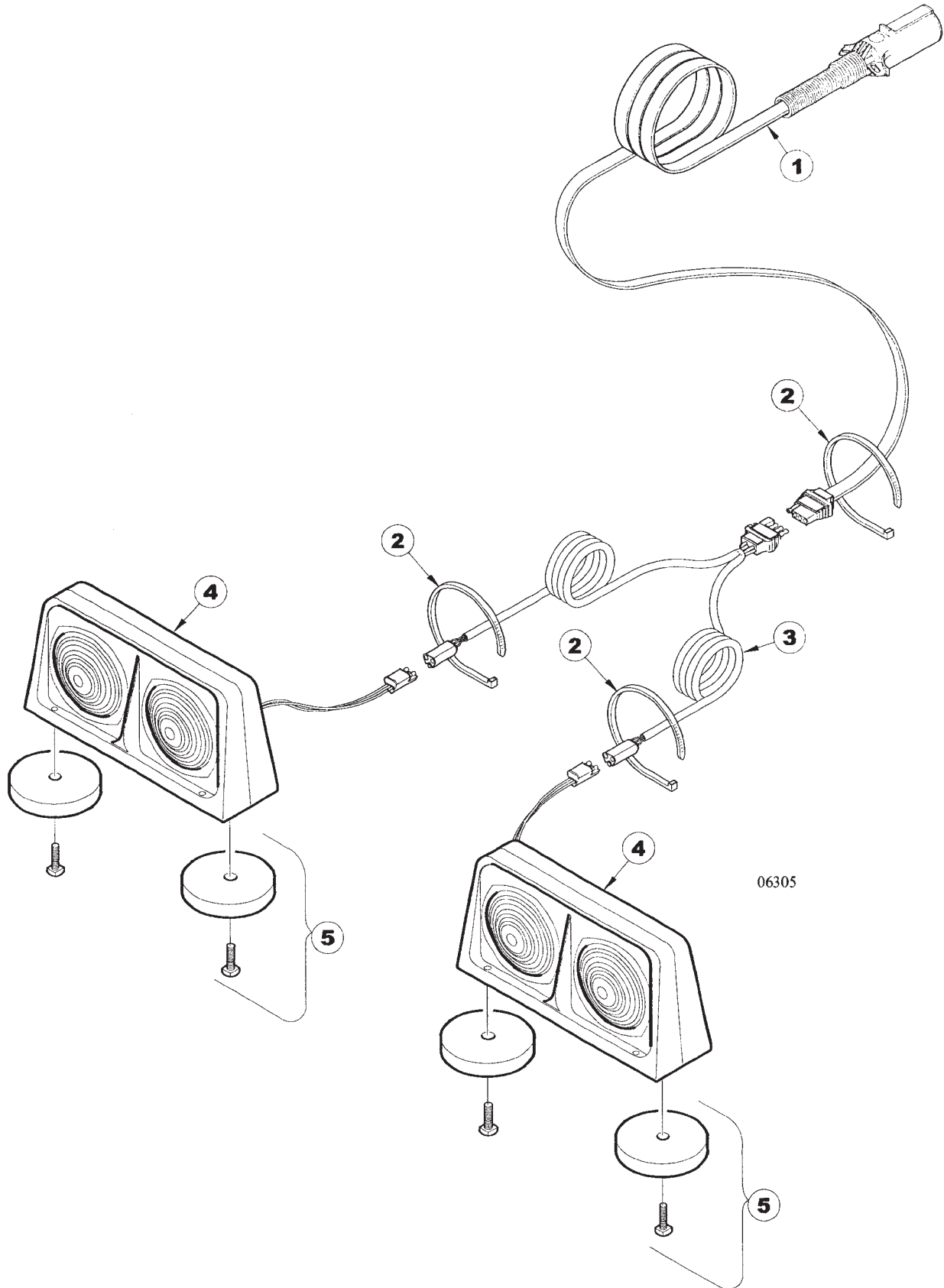
61

LIGHT KIT MOUNTING BRACKET

ITEM	NUMBER	QTY	DESCRIPTION
1	SN9041		BRACKET, LIGHT
2	SN5844		DUAL LAMP, AMBER FRT/RR & RED RR, RT
	SN5845		DUAL LAMP, AMBER FRT/RR & RED RR, LT
3	SN3881		LOCK NUT, 1/4"-20, HEX NYLON INSERT, GR2, Z/P
4	SN6102		U-BOLT, 5/8"-11 X 5 1/2" X 5 11/16" W, GR 5, Z/P
5	SN669-1		LOCK NUT, 5/8" HEX NYLON INSERT, GR 5, Z/P
6	SN2750		HEX BOLT, 1/4"-20 X 1 1/4", GR 2, Z/P

I0004868
PR: t05g29j22d0028

LIGHT KIT ASSEMBLY (5838)



06305

**4510 DISC CHISEL
SERVICE PARTS**

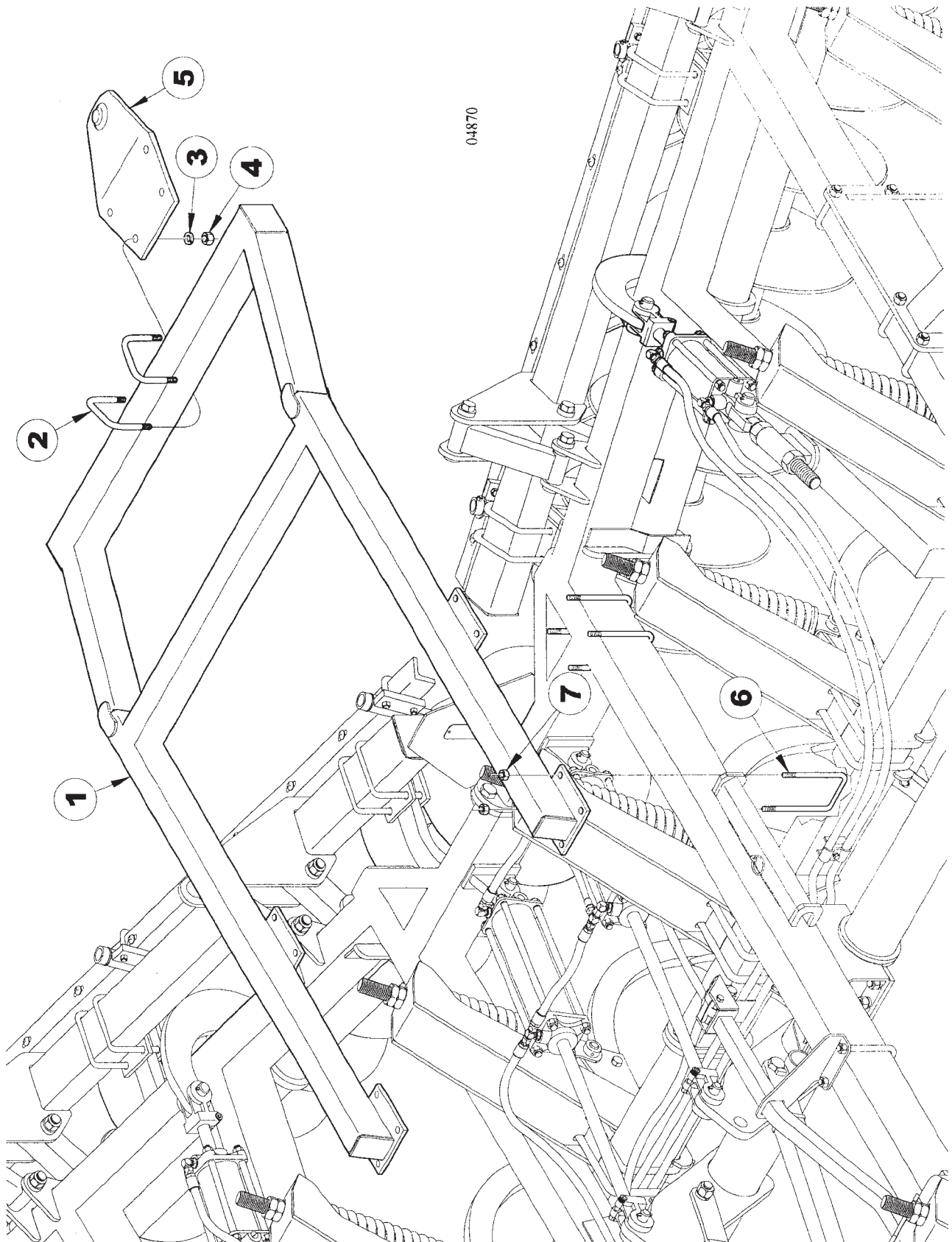
63

LIGHT KIT ASSEMBLY (5838)

ITEM	NUMBER	QTY	DESCRIPTION
1	SN5846		HARNESS, 25' STR SEC, SHIELDED FESTOON CABLE W/CONN
2	SN2587		PLASTIC HOSE STRAP, 21 1/2" L
3	SN5847		HARNESS, 15' WISHBONE W/FLAT & TRIANGULAR CONNECTOR
4	SN5845		DUAL LAMP, AMBER FT/REAR & RED REAR, LEFT
	SN5844		DUAL LAMP, AMBER FT/REAR & RED REAR, RIGHT
5	SN5857		MAGNET KIT
	SN5838		LIGHT KIT W/HARDWARE

I0006305
PR: t05g29j22d0029

REAR TOW HITCH W/BALL JOINT



4510 DISC CHISEL
SERVICE PARTS

65

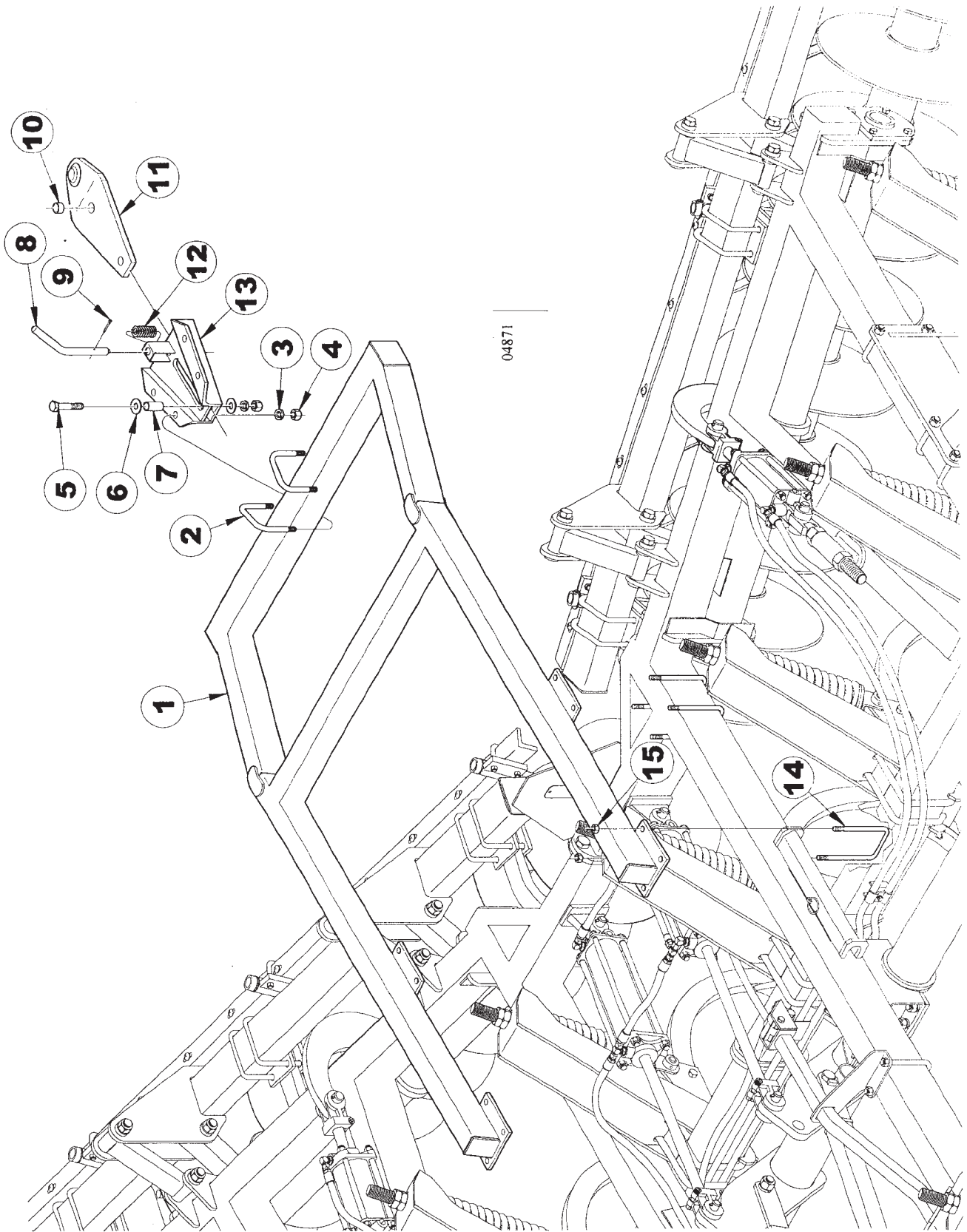
REAR TOW HITCH W/BALL JOINT

ITEM	NUMBER	QTY	DESCRIPTION
1	SN9535		REAR TOW HITCH
2	SN198		U-BOLT, 3/4"-10 X 5 1/2" X 5" W, GR 5, Z/P
3	SN1040		LOCK WASHER, 3/4" SPLIT TYPE MED, Z/P
4	SN106		HEX NUT, 3/4"-10 FULL, GR 5, Z/P
5	SN4700		ADAPTER, REAR TOW HITCH
6	SN2984		U-BOLT, 5/8"-11 X 7 1/2" X 4 3/4" W, GR 5, Z/P
7	SN669-1		LOCK NUT, 5/8" HEX NYLON INSERT, GR 5, Z/P
	SN9540		REAR TOW HITCH ASSY W/4700B BALL JOINT (ITEMS 1-7)

I0004870
PR: t05g29j22d0030

4510 DISC CHISEL
SERVICE PARTS

REAR TOW HITCH W/HITCH SLIDE &
BALL JOINT



4510 DISC CHISEL
SERVICE PARTS

67

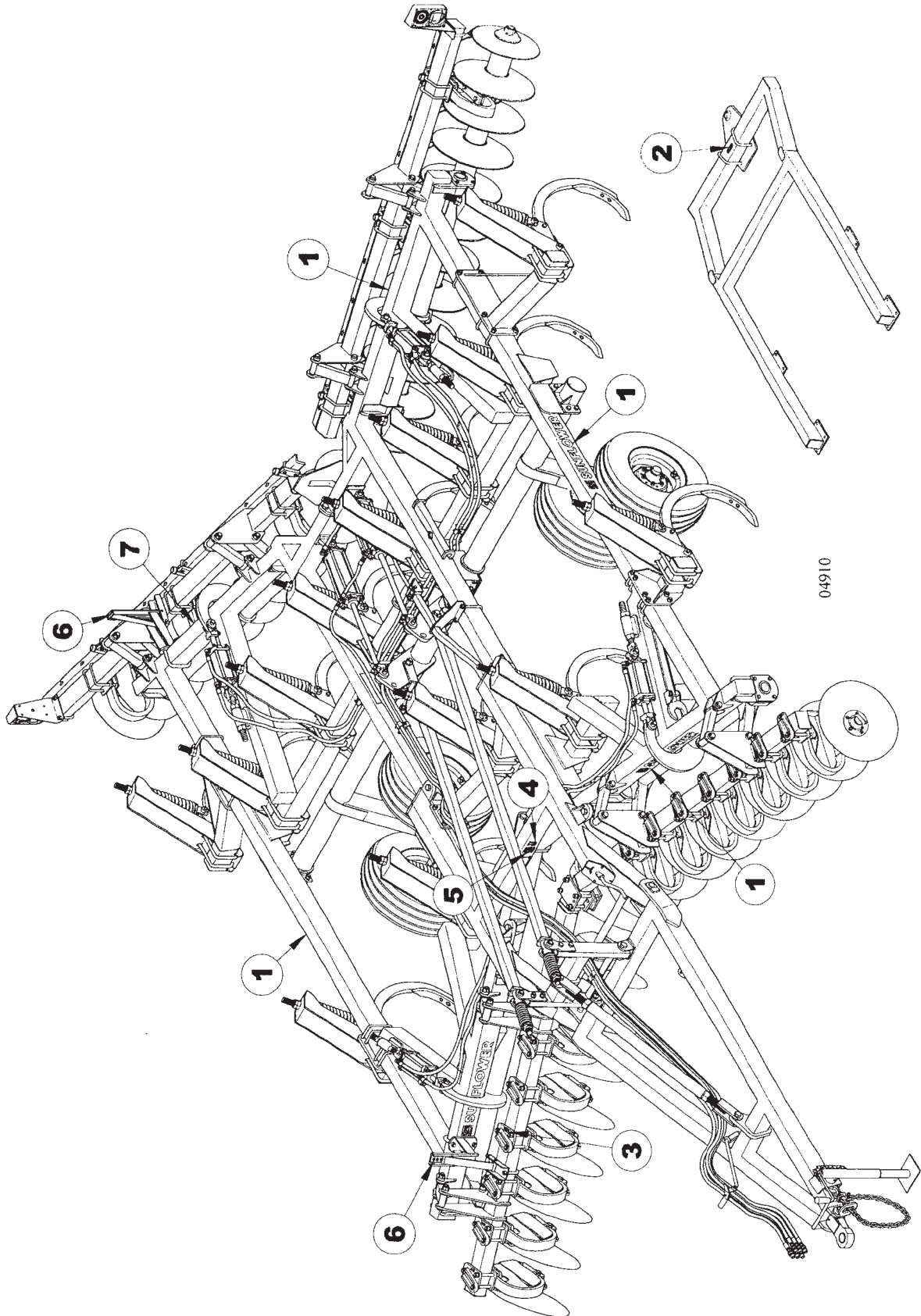
REAR TOW HITCH W/HITCH SLIDE &
BALL JOINT

ITEM	NUMBER	QTY	DESCRIPTION
1	SN9535		REAR TOW HITCH
2	SN198		U-BOLT, 3/4"-10 X 5 1/2" X 5" W, GR 5, Z/P
3	SN1040		LOCK WASHER, 3/4" SPLIT TYPE MED, Z/P
4	SN106		HEX NUT, 3/4"-10 FULL, GR 5, Z/P
5	SN105		HEX BOLT, 3/4"-10 X 3 1/2", GR 5, Z/P
6	SN893		FLAT WASHER, 3/4" Z/P
7	SN3364		BUSHING, 13/16"ID X 2" L
8	SN3365		PIN, 7/8" SPCL
9	SN1609		COTTER PIN, 3/16" X 1 1/2"
10	SN3367		WEAR BUSHING, 1"ID X 1 1/4"OD 3/4" L
11	SN4740		HITCH MOUNT W/BALL JOINT
12	SN3366		HITCH SPRING
13	SN3363		HITCH SLIDE
14	SN2984		U-BOLT, 5/8"-11 X 7 1/2" X 4 3/4" W, GR 5, Z/P
15	SN669-1		LOCK NUT, 5/8" HEX NYLON INSERT, GR 5, Z/P
	SN4739		HITCH ASSEMBLY (ITEMS 5-13)
	SN9541		REAR TOW HITCH ASSY W/4739 HITCH SLIDE & BALL JOINT (ITEMS 1-15)

I0004871
PR: t05g29j22d0031

4510 DISC CHISEL
SERVICE PARTS

DECAL PLACEMENT



**4510 DISC CHISEL
SERVICE PARTS**

69

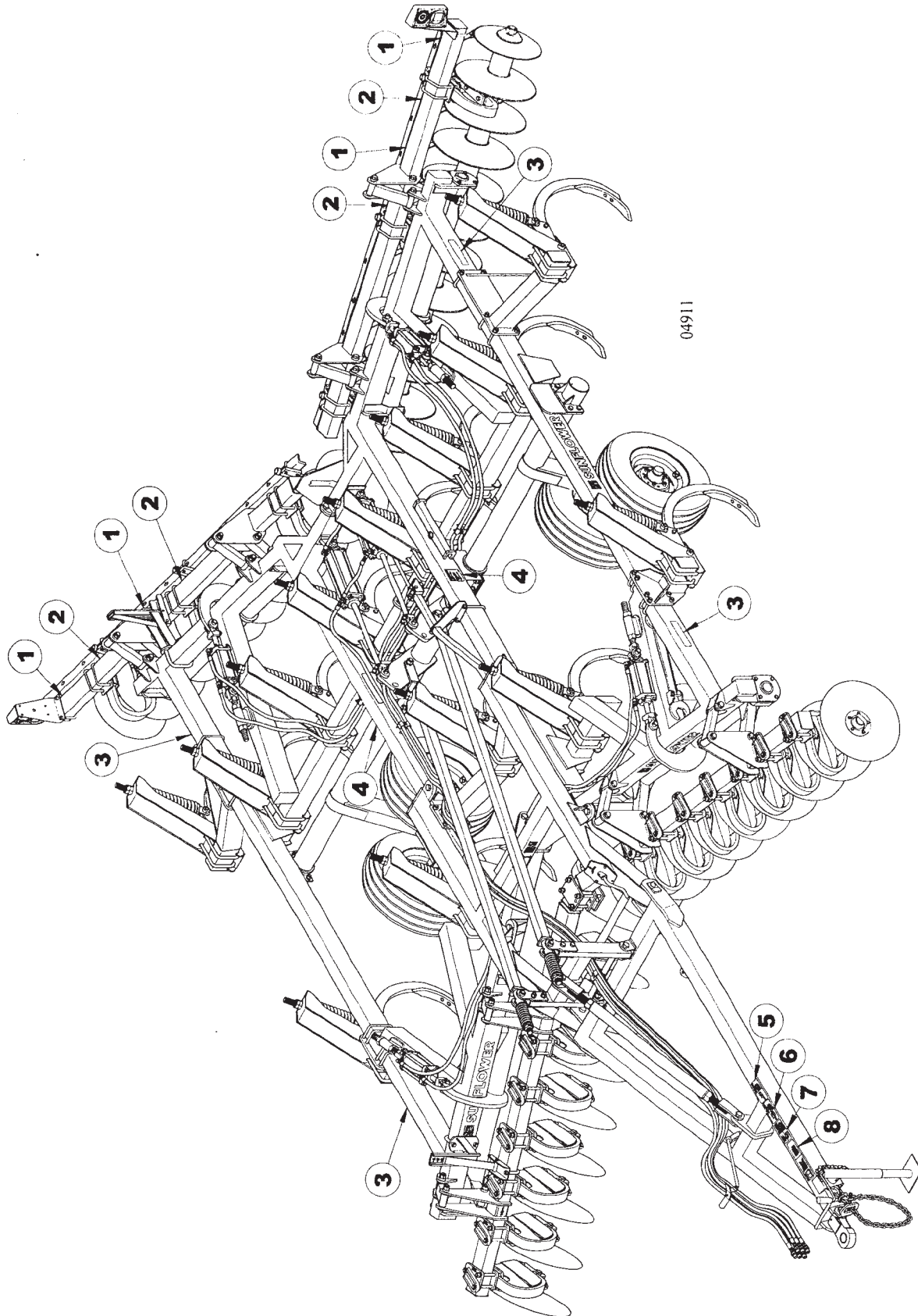
DECAL PLACEMENT

ITEM	NUMBER	QTY	DESCRIPTION
1	SN997002		SUNFLOWER DECAL
2	SN997068		10,000 LB. GROSS LIMIT
3	SN997654		PATENT DECAL, #6,158,523
4	SN997246		FEMA DECAL
5	SN997263		DECAL, TILLAGE PROMOTES A SAFER
6	SN997426		LEVEL INDICATOR, A-K
7	SN997541		4510 DECAL

I0004910
PR: t05g29j22d0032

4510 DISC CHISEL
SERVICE PARTS

SAFETY SIGN PLACEMENT



**4510 DISC CHISEL
SERVICE PARTS**

71

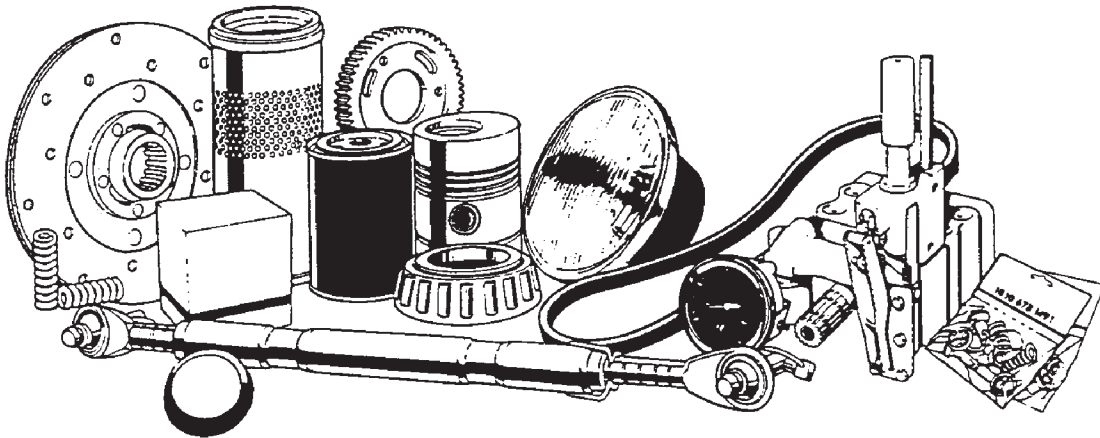
SAFETY SIGN PLACEMENT

ITEM	NUMBER	QTY	DESCRIPTION
1	SN997661		TAPE, RED REFLECTIVE 2" X 9" L
2	SN997662		TAPE, ORANGE REFLECTIVE 2" X 9" L
3	SN997663		TAPE, YELLOW REFLECTIVE 2" X 9" L
4	SN997312		TRANSPORT LOCK INSTALLATION
5	SN997074		UNITCHING HAZARD
6	SN997048		FASTEN SAFETY CHAIN
7	SN997311		HIGH PRESSURE FLUID HAZARD
8	SN997792		DECAL-WARNING, READ OPERATOR'S

I0004911
PR: t05g29j22d0033

RECOMMENDED DEALER STOCK

RECOMMENDED DEALER'S STOCK



**4510 DISC CHISEL
RECOMMENDED DEALER LIST**

73

RECOMMENDED DEALER STOCK

ITEM	NUMBER	QTY	DESCRIPTION
-	SN3271N	2	19.69" BLADE, 1 3/4" BORE 4 GA,
-	SN7602N	2	20.18" BLADE, 5 BOLT, .256" THICK,
-	SN2686N	2	22" BLADE, 1 3/4" BORE 4 GA,
-	SN7599N	2	22.33" BLADE, 5 BOLT, .256" THICK,
-	SN1602	2	BEARING (LM48548)
-	SN1935	2	BEARING (LM501349)
-	SN1606	2	BEARING (LM67048)
-	SN5844	1	DUAL LAMP, AMBER FRT/RR & RED RR,
-	SN5845	1	DUAL LAMP, AMBER FRT/RR & RED RR,
-	SN1610	1	DUST CAP, 2.448" OD, Z/P
-	SN3095	4	FLAT WASHER, 1 1/2" ID X 2 1/4"
-	SN5847	1	HARNESS, 15' WISHBONE W/FLAT &
-	SN5846	1	HARNESS, 25' STR SEC, SHIELDED
-	SN3302	1	HEX NUT, 1"-14 FULL SLOTTED
-	SN3369	1	HITCH CLEVIS BUSHING
-	SN3366	1	HITCH SPRING
-	SN5428	2	L-BOLT, 3/4"-10 X 9"
-	SN3118	6	LUG BOLT, 9/16"-18 X 1 7/8"
-	SN3117	6	LUG NUT, 9/16"-18, GR 5, 90 DEG
-	SN3365	1	PIN, 7/8" SPCL
-	SN4810	2	POINT, 1" X 2" X 18", REV,
-	SN1603	2	RACE (LM48510)
-	SN1936	2	RACE (LM501310)
-	SN1605	2	RACE (LM67010)
-	SN6103	4	SCRAPER BLADE, 4" W RIGID
-	SN12015	2	SEAL KIT, 3 1/2", 1 1/2" ROD, CROSS
-	SN8774-1	2	SEAL KIT, 3 1/2", 1 1/2" ROD, CROSS
-	SN8775-1	2	SEAL KIT, 3 1/2", 1 1/4" ROD,
-	SN8767-1	2	SEAL KIT, 3 1/4", 1 1/4" ROD
-	SN5540	1	SHANK, 1 1/2" X 2" X 30",
-	SN5418	1	SHANK, 1 1/4" X 2 1/2" X 30"
-	SN1726	2	SHOVEL, 1/2" X 3" LEFT TWISTED
-	SN1725	2	SHOVEL, 1/2" X 3" RIGHT TWISTED
-	SN3300	1	SIX BOLT HUB ASSEMBLY W/3301 SEAL
-	SN7001	1	SMV EMBLEM
-	SN3301	2	TRIPLE LIP SEAL
-	SNFK310044	2	TRIPLE LIP SEAL
-	SN3090	2	TRUNNION BEARING COMPLETE
-	SN6773	2	U-BOLT, 1/2"-13 X 4 1/8" X 2 1/8"
-	SN3754	2	U-BOLT, 3/4"-10 X 4 1/4" X 3 3/8"
-	SN198	2	U-BOLT, 3/4"-10 X 5 1/2" X 5" W,
-	SN3763	2	U-BOLT, 3/4"-10 X 5 3/4" X 6 3/4"
-	SN9008	2	U-BOLT, 3/4"-10 X 7 1/4" X 5 13/16"
-	SN3755	2	U-BOLT, 3/4"-10 X 8 3/4" X 4 13/16"
-	SN6102	2	U-BOLT, 5/8"-11 X 5 1/2" X 5 11/16
-	SN2984	2	U-BOLT, 5/8"-11 X 7 1/2" X 4 3/4"
-	SN3303	1	WASHER, 1 1/32" ID X 1 3/4" ODX

NOTE: THIS PARTS STOCK LIST
INDICATES THOSE ITEMS RECOMMENDED
TO SERVICE ONE UNIT.

RDL
PR: t05g29j22d0034

Архангельск (8182)63-90-72
Астана (7172)727-132
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89

Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Липецк (4742)52-20-81

Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16

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Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13

Сургут (3462)77-98-35
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