SOUCY TRACK SYSTEMS INSTALLATION, OPERATION AND MAINTENANCE GUIDE

For Soucy Track combine systems ST-1000, ST-1000S and ST-1000SE



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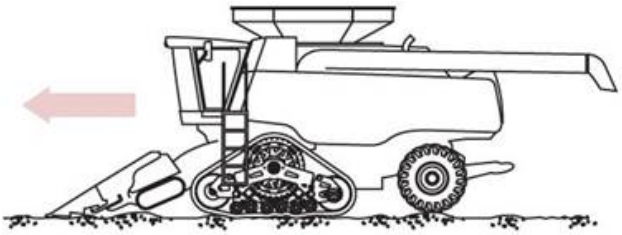
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SECTION 1 ST-1000, ST-1000S & ST-1000SE LOAD & SPEED RATING AND TRACK SYSTEM SPECIFICATIONS

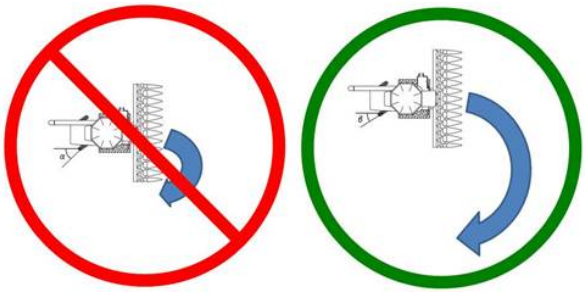
Field work	
Maximum speed **8 mph / 13 km/h**	
Maximum combine weight Fully laden, with header	
	
ST-1000, ST-1000S & SE	81000 lb / 37 000 kg

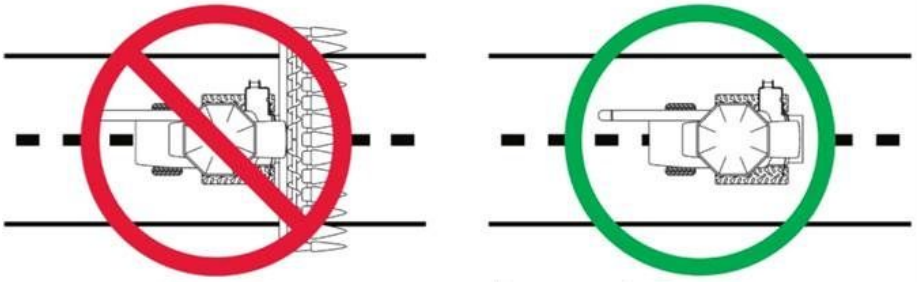
NOTICE

- WHEN DRIVING ON THE ROAD OVER LONG DISTANCE OR IN HIGH AMBIENT TEMPERATURE, SPRINKLE A CUP OF TALC POWDER IN EACH TRACK SYSTEM TO LUBRICATE THE TRACK AND WHEELS.
- REDUCE SPEED AND LOAD ON CROWNED ROADS TO PREVENT UNEVEN TRACK WEAR.
- CLEAN UP MUD AND RESIDUE BUILD-UPS ON THE CHASSIS ON A REGULAR BASIS. INCREASE FREQUENCY IN STICKY WET SOILS.

⚠ WARNING ⚠

- **AVOID SHARP TURNS ON HARD SURFACES WHEN LOADED**
- SHARP TURNS OR USING BRAKES DURING TURNS MAY CAUSE ADDITIONAL STRESS ON MACHINE COMPONENTS AND SHOULD BE AVOIDED.



Road work	
Maximum speed **17.5 mph / 28 km/h**	
Maximum combine weight no header, empty grain tank	
	
ST-1000	46 000 lb @ 17.5 mph 20 800 kg @ 28 km/h
ST-1000S & SE	39 000 lb @ 17.5 mph 17 800 kg @ 28 km/h

NOTE

*Maximum payload for road travel duration ≤ 1 hour. For longer duration, reduce speed and/or load.

⚠ WARNING ⚠

- DRIVING ON THE ROAD WITH TRACKS CAN INCREASE TREAD WEAR UP TO 15 TIMES FASTER THAN FIELD WEAR RATES. IN ORDER TO MAXIMIZE TRACK LIFE, KEEP ROAD TRAVEL TO A MINIMUM AND FOLLOW THE LOAD AND SPEED GUIDELINES AS SHOWN ABOVE.
- **ALWAYS REMOVE HEADER AND EMPTY GRAIN TANK BEFORE DRIVING COMBINE ON THE ROAD.**
- WHEN DRIVING COMBINE ON THE ROAD WITH THE HEADER ON OR WITH THE GRAIN TANK FULL WILL RESULT IN PREMATURE TRACK FAILURE.
- **TO MAXIMIZE TRACK SYSTEM LIFE, AVOID:**
  > FULLY-LADEN TRAVEL OVER LONG DISTANCES.
  > HIGH SPEED ROAD TRAVEL OVER LONG DISTANCE.
  > DRIVING COMBINE ON THE ROAD UNDER HIGH AMBIENT TEMPERATURE (85 F / 30 C) OVER LONG DISTANCE

NOTICE

THIS TABLE IS INTENDED TO SERVE AS A GUIDE ONLY; ALWAYS REFER TO COMBINE MANUFACTURER'S SPECIFICATIONS AND NEVER EXCEED MAXIMUM AXLE LOADS SPECIFIED BY COMBINE MANUFACTURER.

⚠ CAUTION ⚠

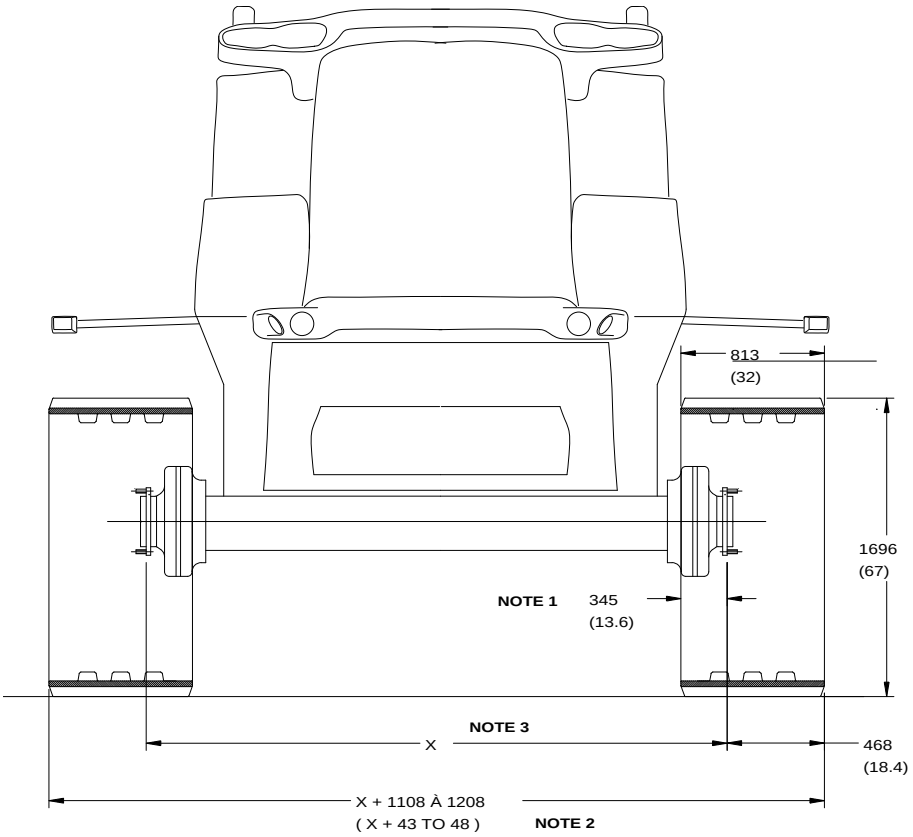
MAKE SURE THERE IS ENOUGH CLEARANCE BETWEEN SYSTEM AND VEHICLE TO AVOID INTERFERENCES.

1. To increase clearance between track and combine harvester:
   a. Axle extension are available from OEM dealer or,
   b. 25 mm (1 in.) and 50 mm (2 in.) spacers are available from Soucy Track dealer.

NOTE

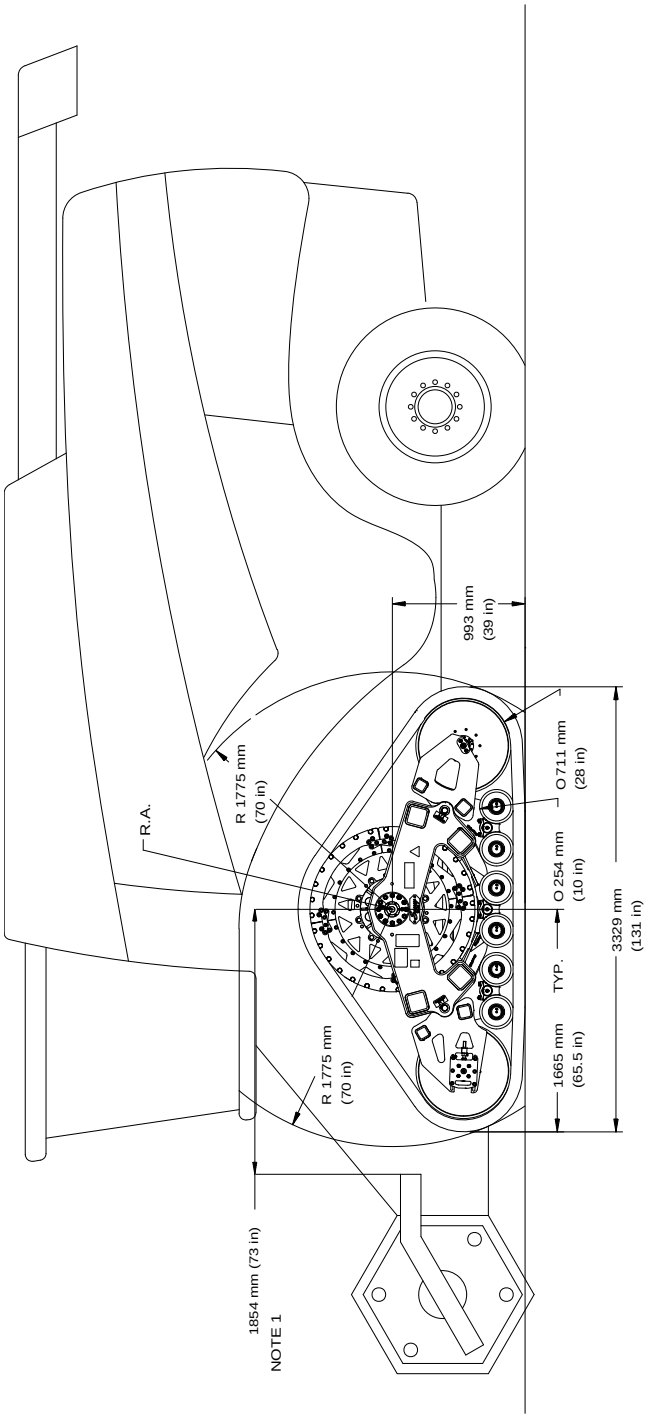
- All dimensions are in millimeters and (inches)
- System rotates around wheel hub. Make sure there is enough room for your specific application.

Figure 1.1 ST-1000 , ST-1000S and ST-1000SE front view measurements



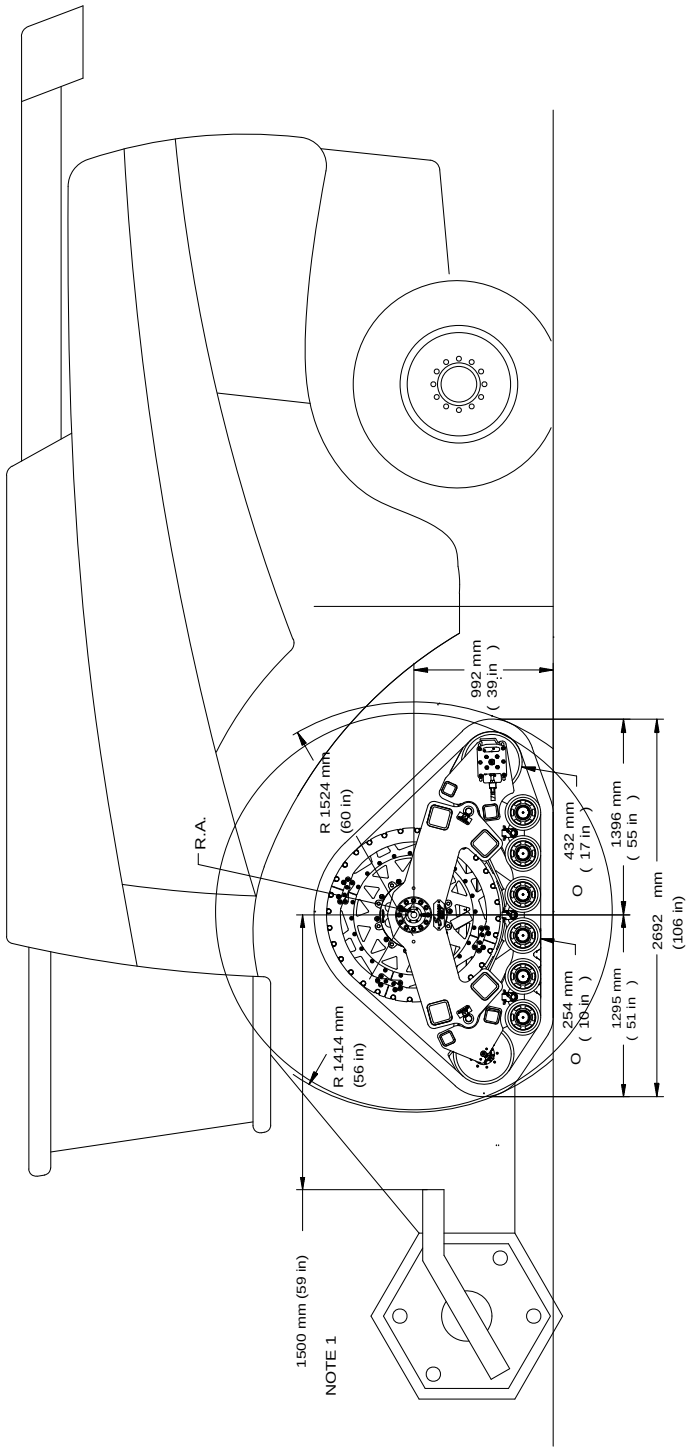
ITEM	DESCRIPTION
NOTE 1	345 with no spacer 370 with 1” spacer 395 with 2” spacer
NOTE 2	X + 936 with no spacer X + 986 with 1” spacer X + 1036 with 2” spacer
NOTE 3	See OEM specifications

Figure 1.2 ST-1000 Side view measurements (ASS,Y # 2790164–511E) (2790205–511E)



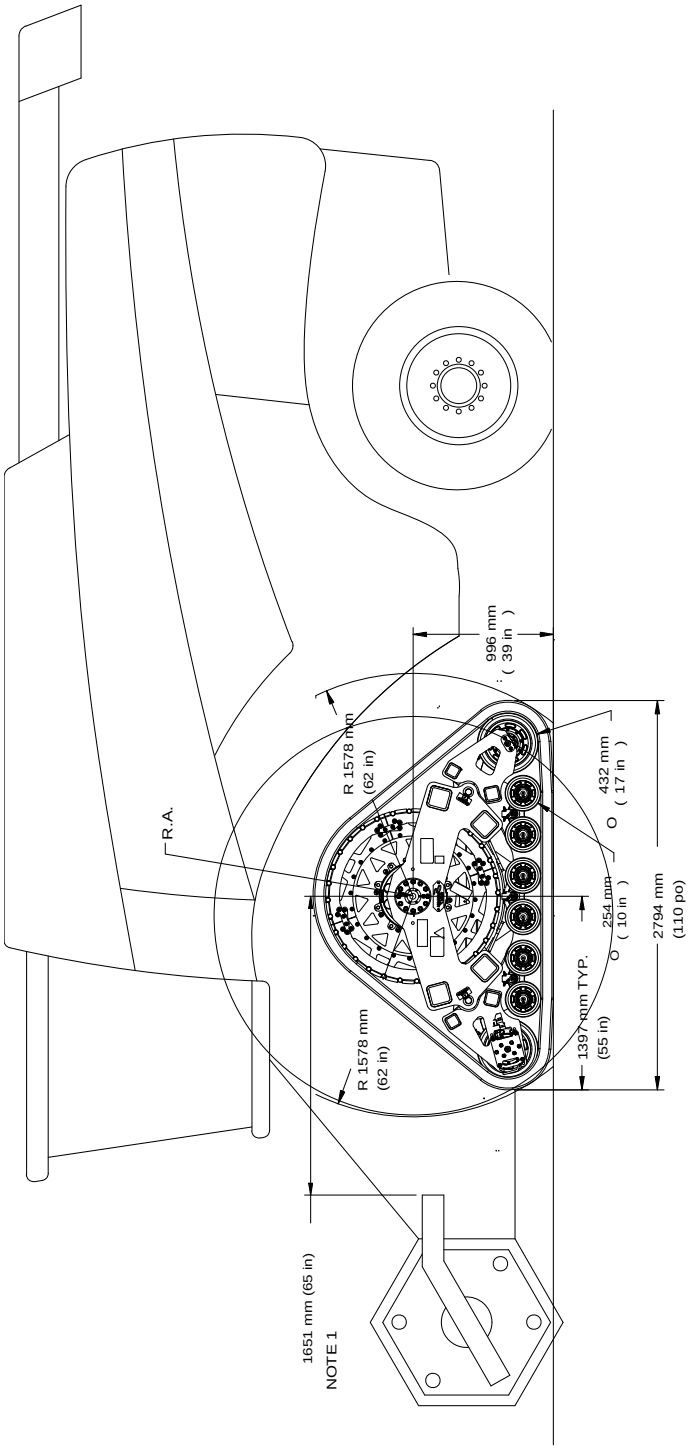
ITEM	DESCRIPTION
R. A	Rotation Axis
NOTE 1	Suggested minimum clearance

Figure 1.3 ST-1000S Side view measurements (ASS,Y # 2790201–511E, 2790204–511E)



ITEM	DESCRIPTION
R. A	Rotation Axis
NOTE 1	Suggested minimum clearance

Figure 1.4 ST-1000SE Side view measurements (ASS,Y # 2790202–511E)



ITEM	DESCRIPTION
R. A	Rotation Axis
NOTE 1	Suggested minimum clearance

SECTION 2 INTRODUCTION

2.1 PRESENTATION

- This guide contains the information required for safely installing, operating and maintaining your Soucy Track system models ST-1000, ST-1000s and ST-1000SE for combine harvesters.
- Please read this guide carefully to learn and understand how to correctly install, operate and service the Track system. Failure to do so could result in personal injury or equipment
- Familiarize yourself with the instructions before you proceed with the installation, operation and maintenance of the track system.
- Keep this guide handy while installing, operating, and maintaining your system.
- Right-hand and left-hand sides are determined by facing in the direction of forward travel.
- This equipment shall be used for agricultural operations only. Contact Soucy Track if you wish to use it for other purposes.
- Driving the combine harvester over agrarian land using agricultural rubber tracks ensures that the surface of the farmland is protected from significant degradation.

NOTICE

THIS GUIDE MAY BE REVISED BASED ON OPERATIONAL LEARNINGS, FEEDBACK FROM USERS, AND TRACK SYSTEM DESIGN MODIFICATIONS.

2.2 HOW TO USE THIS GUIDE

NOTICE

THIS GUIDE REFLECTS THE SYSTEM CONFIGURATION AT TIME OF PRINT. PHOTOS AND FIGURES ARE TYPICAL. SOUCY TRACK RESERVES THE RIGHT TO MODIFY THE SYSTEM AT ANY TIME WITHOUT PRIOR NOTICE. YOUR SYSTEM MAY SLIGHTLY DIFFER FROM THE EQUIPMENT SHOWN.

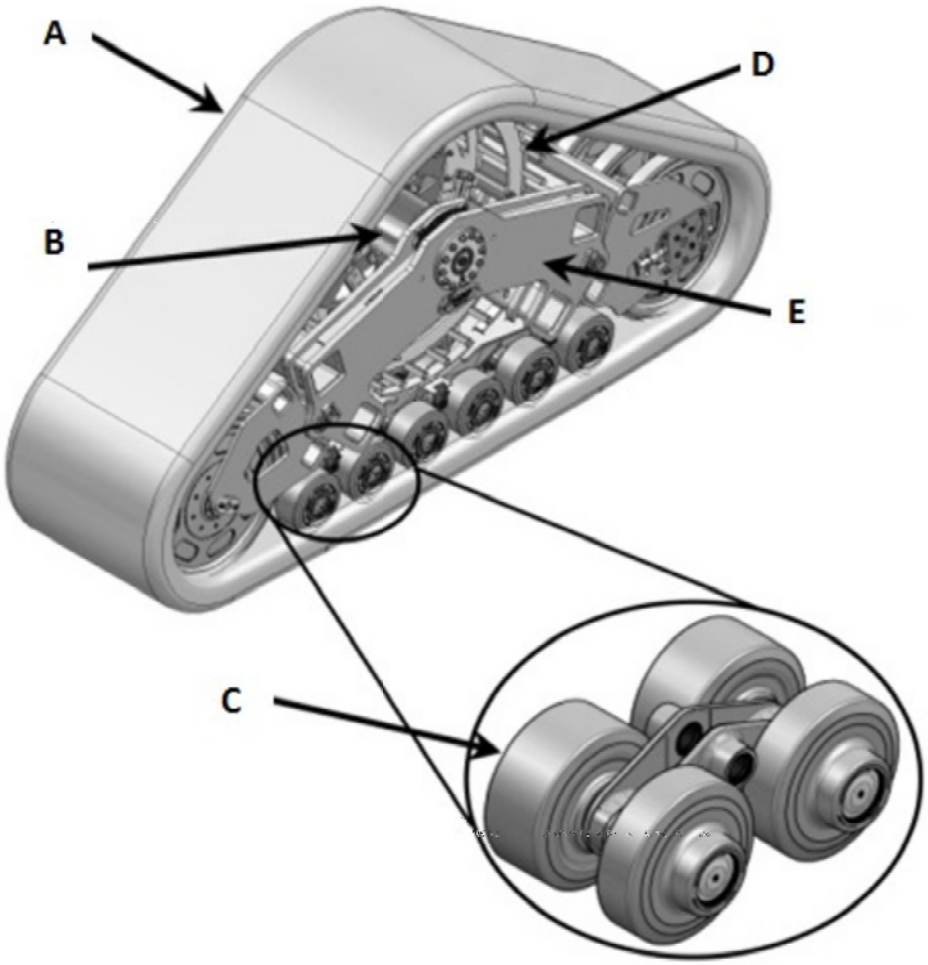
2.3 EC DECLARATION OF CONFORMITY

- European operators can find a copy of the EC Declaration of Conformity (Machinery Directive) at the end of this guide.

2.4 SYSTEM DESCRIPTION

- The Track System consists of a **rubber track** supported by a **wheeled frame** (featuring three **bogies**) and driven by a **sprocket** secured to the wheel hub through a **main axle**. Movement of the track is ensured by the sprocket teeth pushing on the internal track lugs when the combine harvester is moving.
- The ST-1000s and ST-1000SE are shorter than the ST-1000. Other than that, there are no major differences between them.

Figure 2.1 Track System Description



- A = TRACK
- B = MAIN AXLE
- C = BOGIE
- D = SPROCKET
- E = FRAME

SECTION 3 SAFETY

3.1 GENERAL

- This chapter provides information necessary to safely install, operate and maintain the Soucy Track System.
- **Only qualified personnel are allowed to install, use and maintain the track system.**

Figure 3.1 Safety Alert Symbol



- The symbol above draws your attention to important instructions concerning your personal safety. Read the accompanying message carefully to avoid personal injury or death.
- Keep this manual in the cab while using the Soucy Track System.
- Always remove key from ignition before working on the vehicle.



3.2 SAFETY SIGNS USED IN THIS GUIDE

- The following signal words are used throughout this guide per **ANSI Z535.4-2007** (Product Safety Signs and Labels):

EXAMPLE

DANGER

DANGER INDICATES A HAZARDOUS SITUATION WHICH, IF NOT AVOIDED, WILL RESULT IN DEATH OR SERIOUS INJURY;

WARNING

WARNING INDICATES A HAZARDOUS SITUATION WHICH, IF NOT AVOIDED, COULD RESULT IN DEATH OR SERIOUS INJURY;

CAUTION

CAUTION INDICATES A HAZARDOUS SITUATION WHICH, IF NOT AVOIDED, COULD RESULT IN MINOR OR MODERATE INJURY;

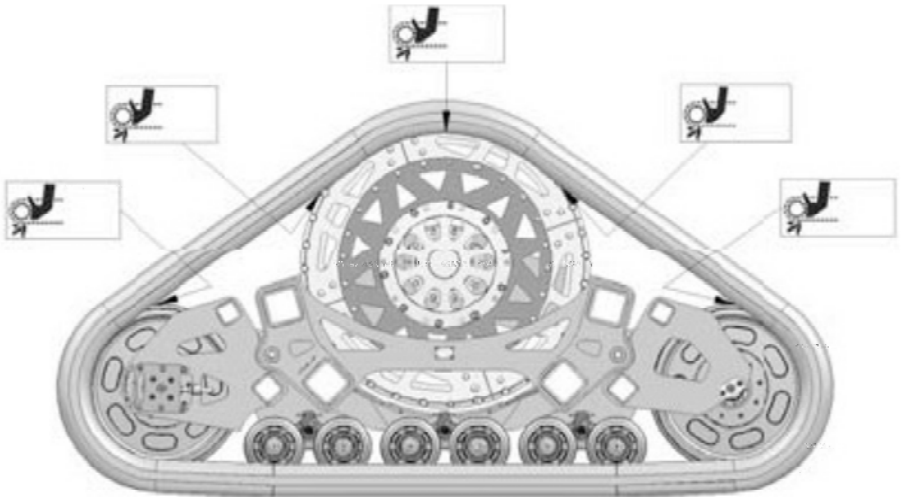
NOTICE

NOTICE INDICATES INFORMATION CONSIDERED IMPORTANT, BUT NOT HAZARD-RELATED (E.G., MESSAGES RELATING TO PROPERTY DAMAGE);

3.3 SAFETY INSTRUCTIONS

- Two people are required to install or remove a track system. Use jacks, hoist or lift when manipulating heavy parts.
- Make sure no one is in the danger zone of the vehicle while the engine is running or the vehicle is moving.
- Check that safety labels are intact and visible. Replace damaged or illegible labels.
- Read your vehicle owner's manual before you use it with Soucy Track systems.
- Read the installation, operation and maintenance guide of your Soucy Track system before installing and operating your system.
- Make sure the lifting equipment has the capacity to keep the vehicle stable during installation of the system. Inadequate lifting equipment can lead to unstable vehicle that can cause severe injuries or death.
- Check bolts and nuts tightening after the first two hours of use. Loosened hardware can lead to damage to components, detracking and severe injuries or death.

Figure 3.2 Crushing Risk Zones



- Check for possible interferences between the tracks and the various accessories used with a combine harvester such as implements, ballast weights and ladder.

⚠ WARNING ⚠

DO NOT INSTALL OR OPERATE THE TRACK SYSTEM WITH DAMAGED COMPONENTS OR BROKEN OR MISSING HARDWARE.

⚠ WARNING ⚠

HEAVY PARTS CAN CAUSE INJURIES. TWO PEOPLE ARE REQUIRED FOR ASSEMBLY AND REMOVAL OF THE SOUCY TRACK SYSTEM. USE A JACK, A FORKLIFT OR A HOIST TO HANDLE SYSTEM AND SUB-ASSEMBLIES.

NOTICE

UNLESS OTHERWISE SPECIFIED, USE TORQUE TABLE SHOWN AT APPENDIX A.

3.4 SAFETY LABELS

- Replace any missing, damaged or illegible labels.
- Soucy Track recommends placing the included labels in the cabin, in an area where they won't block the outside view. Following labels are the samples:

Figure 3.3 SAMPLES





NOTICE

REGULAR MAINTENANCE CHECKS OF TRACK SYSTEMS

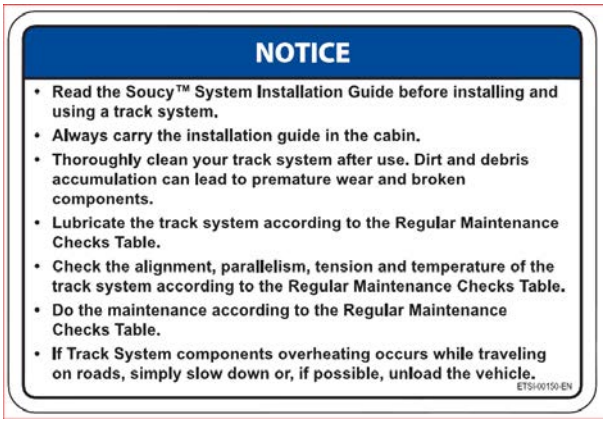
OPERATION	FREQUENCY (HOURS)						
	FIRST	EVERY					
	8	10	25	50	100	200	Once per season
Greasing of wheel axles and pivots under normal conditions[1]			✔				
Greasing of wheel axles and pivots under difficult conditions[2]		✔					
Greasing of main axle (zerk of housing cover)					✔		
Inspection of oscillating bogie bearing (bushing)							✔
Tension of tracks	✔					✔	✔
Tightening of bolts* *Each 2 hours until settled	✔					✔	
Visual inspection of tracks				✔			
Visual inspection of wheels				✔			
Visual inspection of frame, attachment and main axle (welds, bolts)					✔		
Alignment of tracks	✔					✔	
Oil level check of main axle		✔					
Oil change of main axle				1st only		✔	✔
Cleaning		✔					

1: ***Normal conditions:*** *well-drained, dry or slightly damp ground, no abrasives (e.g., rocks, dust and sand), with the system emerged.*

2: ***Difficult conditions:*** *very wet, poorly drained, muddy ground, abrasives (e.g., rocks, dust and sand), with the system submerged.*

Note: *Greasing gets rid of potential contamination in the bearings.*

ETSI 00140 EN


NOTICE
• Read the Soucy™ System Installation Guide before installing and using a track system.
• Always carry the installation guide in the cabin.
• Thoroughly clean your track system after use. Dirt and debris accumulation can lead to premature wear and broken components.
• Lubricate the track system according to the Regular Maintenance Checks Table.
• Check the alignment, parallelism, tension and temperature of the track system according to the Regular Maintenance Checks Table.
• Do the maintenance according to the Regular Maintenance Checks Table.
• If Track System components overheating occurs while traveling on roads, simply slow down or, if possible, unload the vehicle.
ETSI-00150-EN


ETSI-00130



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SECTION 4 GENERAL INFORMATION

4.1 SERIAL NUMBER AND IDENTIFICATION

- The track system comes with a riveted nameplate and serial numbers located on its side. The track serial number is engraved on its inner surface.
- **DEALER: PLEASE COMPLETE THE TRACK SYSTEM REGISTRATION FORM ON LAST PAGE AND RETURN TO SOUCY TRACK TECHNICAL SERVICE DEPARTMENT**

Figure 4.1 Nameplate and serial numbers



NOTE

The serial number with “R” and “L” indicates on which side (RH or LH) the system must be mounted. The model number is now indicated.

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SECTION 5 PREPARATION

5.1 TOOLS LIST

1. The following tools are required to install the track system on a tractor:
   - Standard tool box
   - C-clamp
   - Impact drive and sockets, metric: 24, 30 and 36
   - Wrenches, metric: 24, 30, 36
   - Lifting straps
   - Fork lift
   - Torque wrench (600 ft-lb capacity with extension)
   - Ratchet strap
   - Hydraulic jacks and jack stands with the capacity to support the vehicle or fork lift.

5.2 PREPARATION

- The system shown is typical. Your system may differ from the one shown.
- Make sure you have all the required parts and tools to do the work. The parts should be clean and free of corrosion.
- Familiarize yourself with components and their location.
- Confirm the correct orientation of your Track System.
- The ST-1000 , ST-1000S and ST-1000 SE systems Track treads **must point to the front** of the vehicle. See Section 1 on page 4 and 5 for references.

NOTE

The ST-1000s frame is asymmetrical; the oscillating frame with the tensioner is longer than the one without the tensioner (refer to Option List for exact dimensions). Out of factory, the tensioner is pointing backward to maximize clearance with the combine harvester header. However, in case of interference, the system can swap side (tensioner pointing forward). If you do swap side, the track will have to be removed and reinstalled with the tread pointing forward.

NOTE

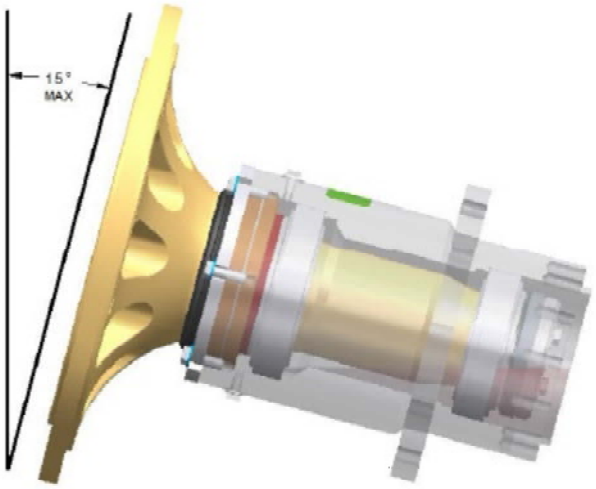
Do not use a grinder to remove the paint.

- Use a sander to remove paint on parts that are in contact. If you leave the paint on the parts, the gap can cause vibration and loosening of attaching hardware.

NOTE

When driving the vehicle for extended periods, the angle of operation should not exceed 15 degrees.

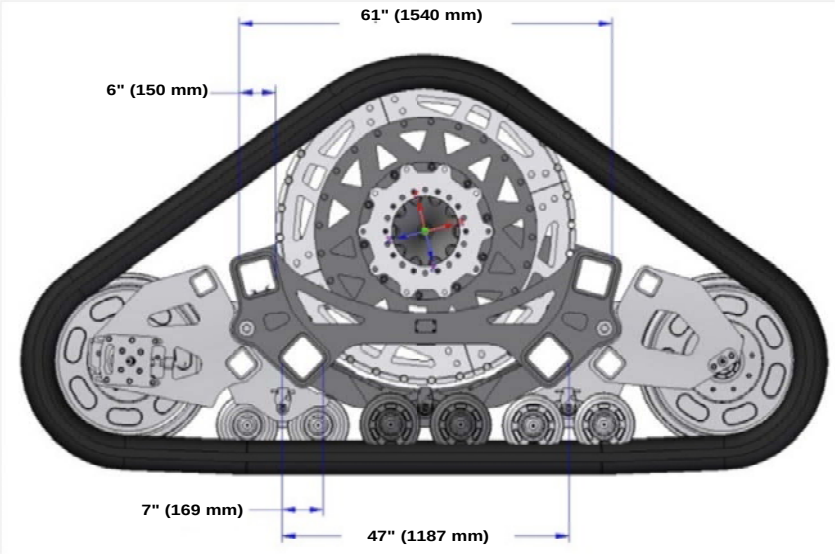
Figure 5.1 Maximum Operating Angle



NOTE

When manipulating the track kit with a forklift, make sure the distance between forks are setted properly, see figure:

Figure 5.2 Distance between forks (Forklift)

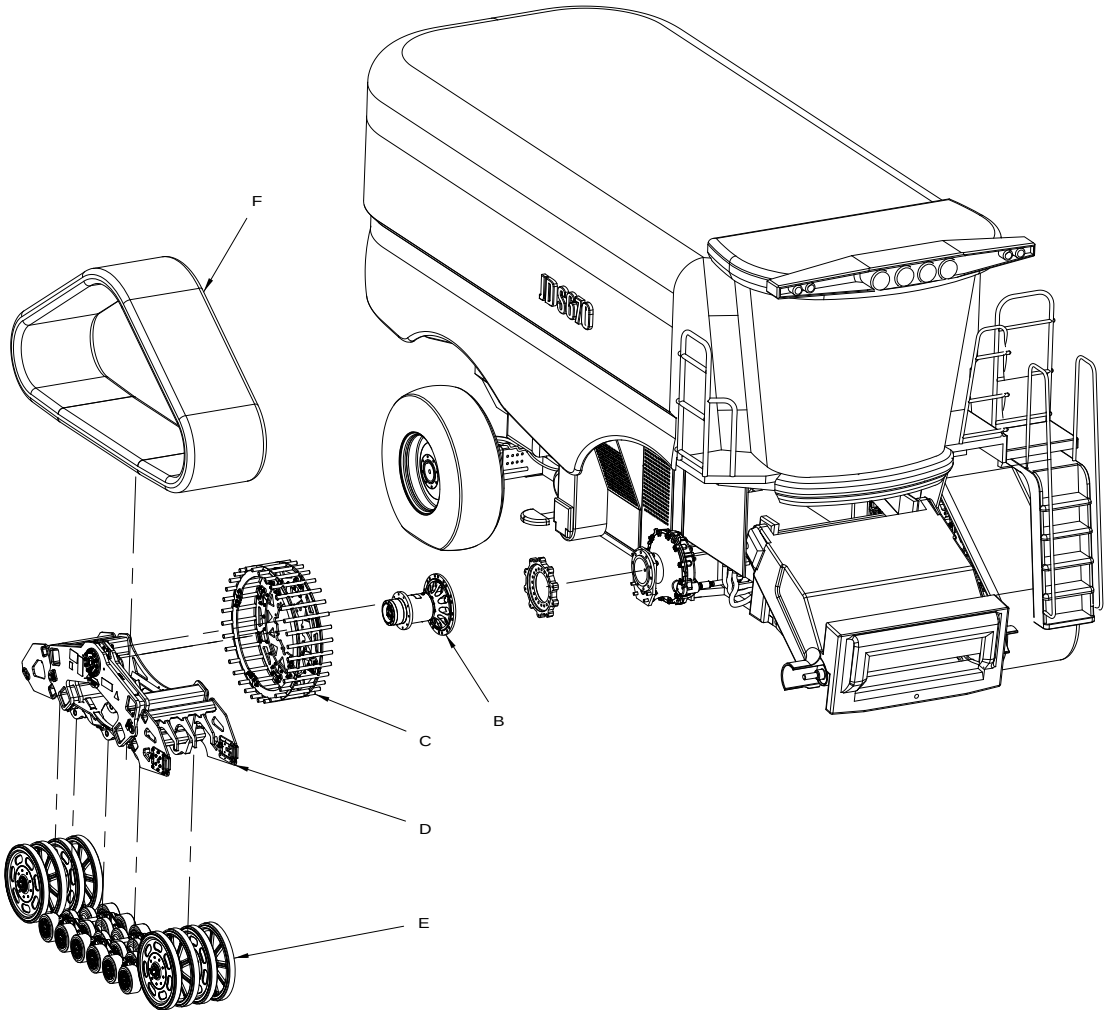


5.3 CONSUMABLES

- Gear oil with extreme pressure additive, conforming to SAE 80W90. Soucy Track uses SHELL SPIRAX HD 80W90.
- Grease, lithium complex with EP (Extreme Pressure) additive, grade NLGI 1, base oil viscosity, cSt at 40: 220, service temperatures from -30 °C to 160 °C. Soucy Track uses Shell GADUS® S3 V 220 C 1. Above 10 °C, grade NLGI 2 is allowed.
- Anti-seize compound

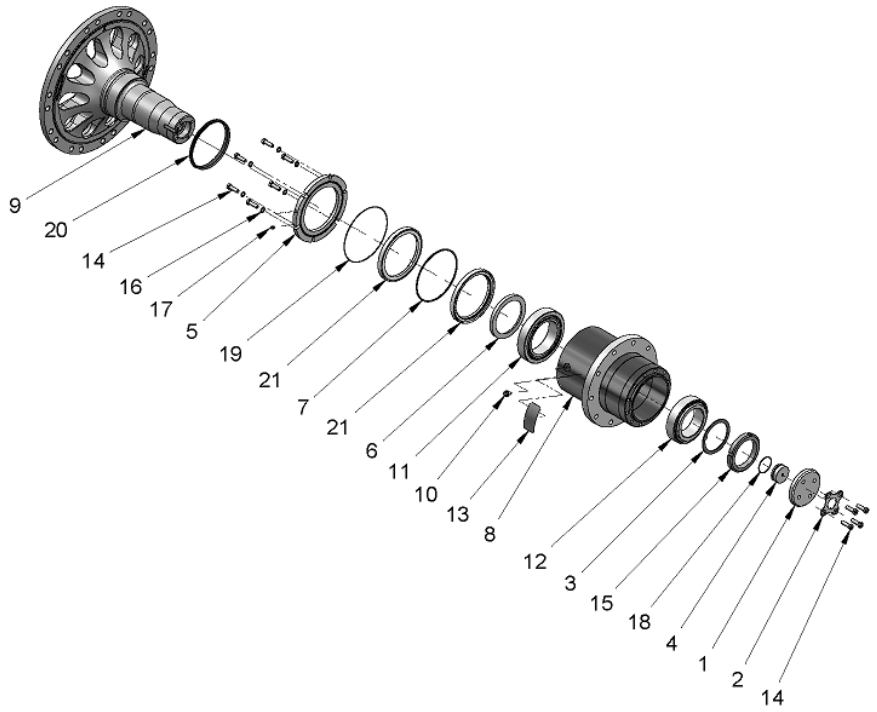
SECTION 6 COMBINE TRACK SYSTEM PART LIST

Figure 6.1 ST-1000, ST-1000S & ST-1000SE COMBINE TRACK KIT



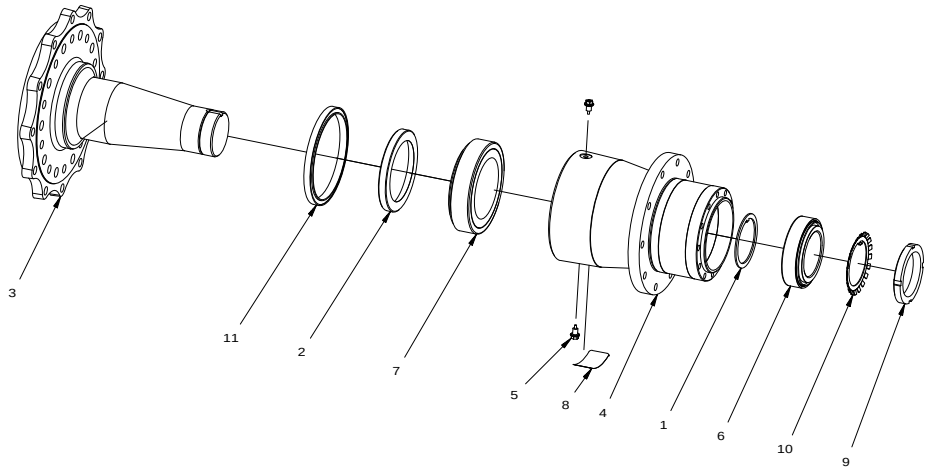
ITEM	DESCRIPTION
A	ADAPTOR
B	MAIN AXLE
C	SPROCKET
D	FRAME
E	AXLE AND WHEELS
F	1320BH62-2 – RUBBER TRACK for ST-1000 1320HH62-2 – LOW PROFILE TRACK for ST-1000
F	1320BH52-2 – RUBBER TRACK for ST-1000S 1320HH52-2 – LOW PROFILE TRACK for ST-1000S
F	1320BH54-2 – RUBBER TRACK for ST-1000SE 1320HH54-2 – LOW PROFILE TRACK for ST-1000SE

Figure 6.2 ST-1000, ST-1000S & ST-1000SE MAIN AXLE ASSEMBLY (ASS'Y # 2750659-3000)



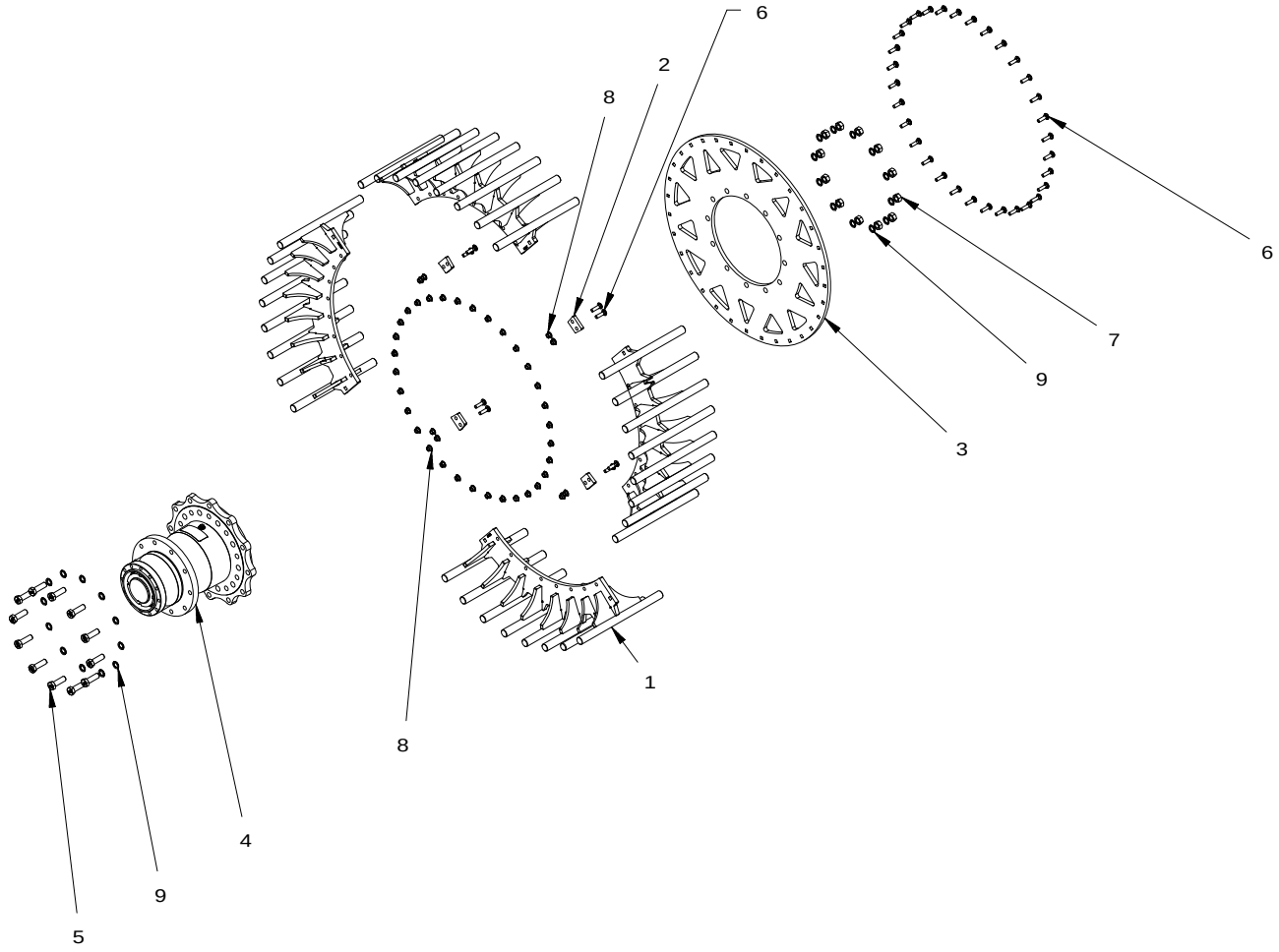
ITEM	# PART	QTY	DESCRIPTION
1	2750601-7010	1	STOPPING PLATE
2	2750601-7040	1	LOCKING PLATE
3	2750635-7410	1	LOCK WASHER DEVICE
4	2750647-5-1000	1	OIL PLUG
5	2750647-7060	1	HOUSING COVER
6	2750647-7070	1	THRUST WASHER
7	2750647-7080	1	SEAL SPACER
8	2750659-3100-511	1	MAIN AXLE HOUSING
9	2750677-7300-511	1	PAINTED MAIN AXLE MACHINED
10	7S6484-00008-000	2	MAGNETIC DRAIN PLUG M12-1.75
11	B32026	1	TAPER ROLLER BEARING #32026-X INT.EXT.
12	B33022	1	TAPER ROLLER BEARING #33022 IN.OUT.
13	ETPO-00220	1	DANGER STICKER
14	S1111-12040-0D7	10	HEX. BOLT CL.8.8 ZnNi M12-1.75 X 40 (DIN 931)
15	S4214-M1100-000	1	LOCK-NUT M110 X 2 - #KM-22
16	S4538-M1200-002	6	NORD-LOCK (SHUR LOCK) ZP-J WASHER M12
17	S6602-00016-000	1	ZERK GREASE FITTING STRAIGHT M10 X 1.5
18	S6701-00020-000	1	O RING #2-141 2.300 ID X .103 W
19	S6701-00022-000	1	O-RING #2-171 8.237 I.D X.103 W
20	S6702-00005-000	1	JOINT V-RING I.D. 162 O.D .X 178mm
21	S6703-00018-000	2	SEAL JOINT #OBS01084 / I.D. 6.625 / O.D. 8.007

Figure 6.3 ST-1000, ST-1000S & ST-1000SE MAIN AXLE ASSEMBLY (ASS'Y # 2750660-10A)



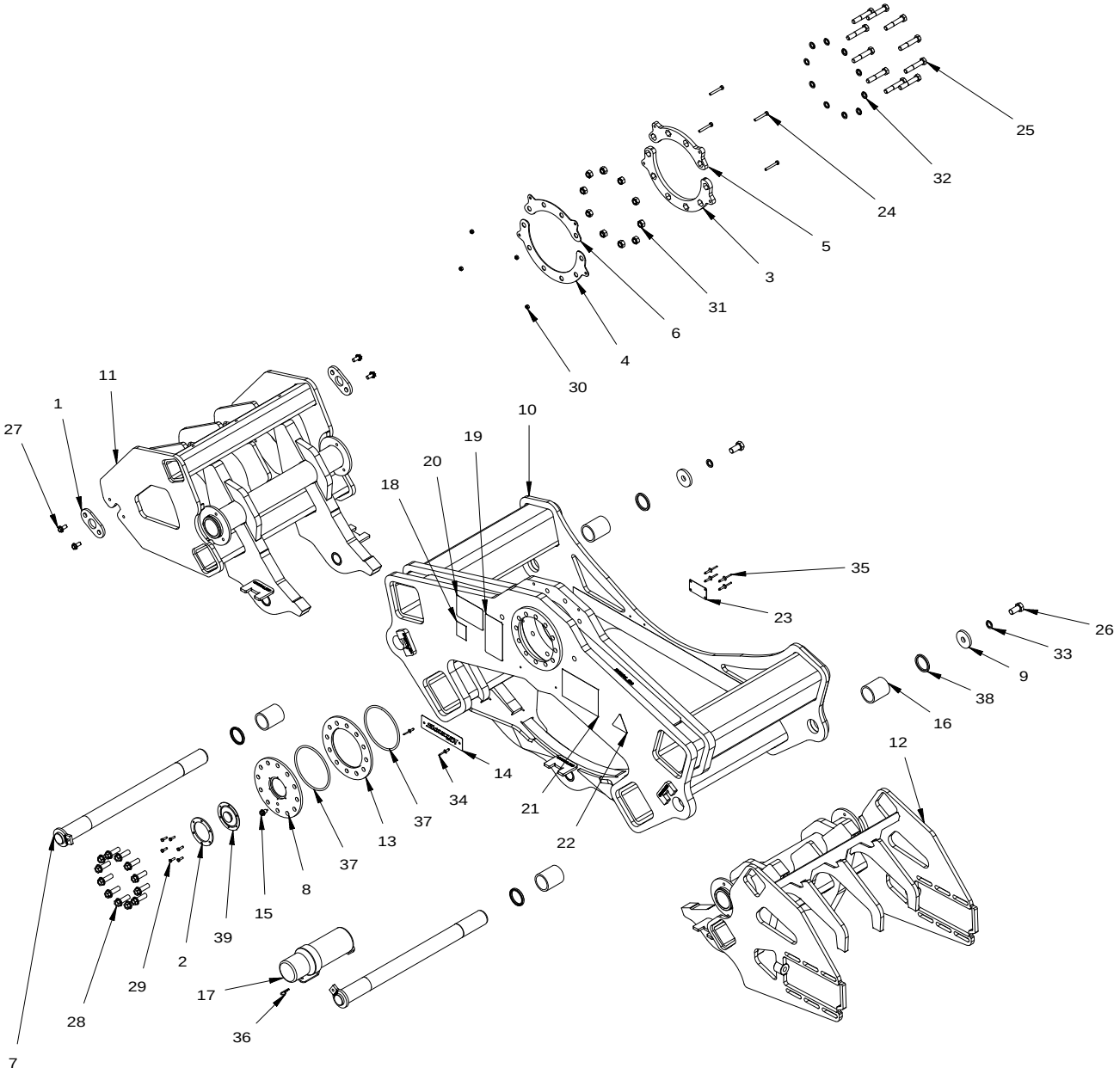
ITEM	PART #	QTY	DESCRIPTION
1	2750635-7410	1	LOCK WASHER DEVICE
2	2750660_7070	1	THRUST WASHER
3	2750660_7300	1	SUPER SHORT MAN AXEL
4	2750660_7403	1	MAIN AXEL HOUSING
5	7S6484-00008-000	2	MAGNETIC DRAIN PLUG M12-1.75
6	B33022	1	TAPER ROLLER BEARING #33022 IN.OUT.
7	B33030-XL	1	33030-XL BEARING
8	ETPO-00220	1	DANGER STICKER
9	S4214-M1100-000	1	LOCK-NUT M110 X 2 - #KM-22
10	S4561-M1107-000	1	LOCK WASHER #MB22
11	S6723-00009-000	1	CASSETTE SEALS TYP3, ID 210 - OD 240 - TH 18 mm.

Figure 6.4 ST-1000, ST-1000S & ST-1000SE SPROCKET ASSEMBLY



ITEM	# PART	QTY	DESCRIPTION
1	2750266-1000-511	4	WELDED 8 TEETH QUARTER SPROCKET
2	2750266-2000-511	4	REINFORCEMENT PLATE
3	2750316-1000-211	1	SPROCKET SUPPORT PLATE
4	2750660-10A	1	SUPER SHORT MAIN AXLE ASS'Y
5	S1111-20065-0F7	12	B. HEX. ZnNi CL10.9 M20-2.5 X 65MM
6	S2411-M1245-037	40	CAR. BOLT GR8.8 ZnNi M12-1.75 X 45MM (DIN 603)
7	S4111-M200R-097	12	HEXAGONAL NUT CL10 ZnNi M20-2.5 (DIN 934)
8	S4173-M012P-057	40	HEX. NUT (FLANGE NUT) ZnNi M12-1.75 (DIN 934)
9	S4538-M2000-001	24	RONDELLE PZ A/B NORD-LOCK M20

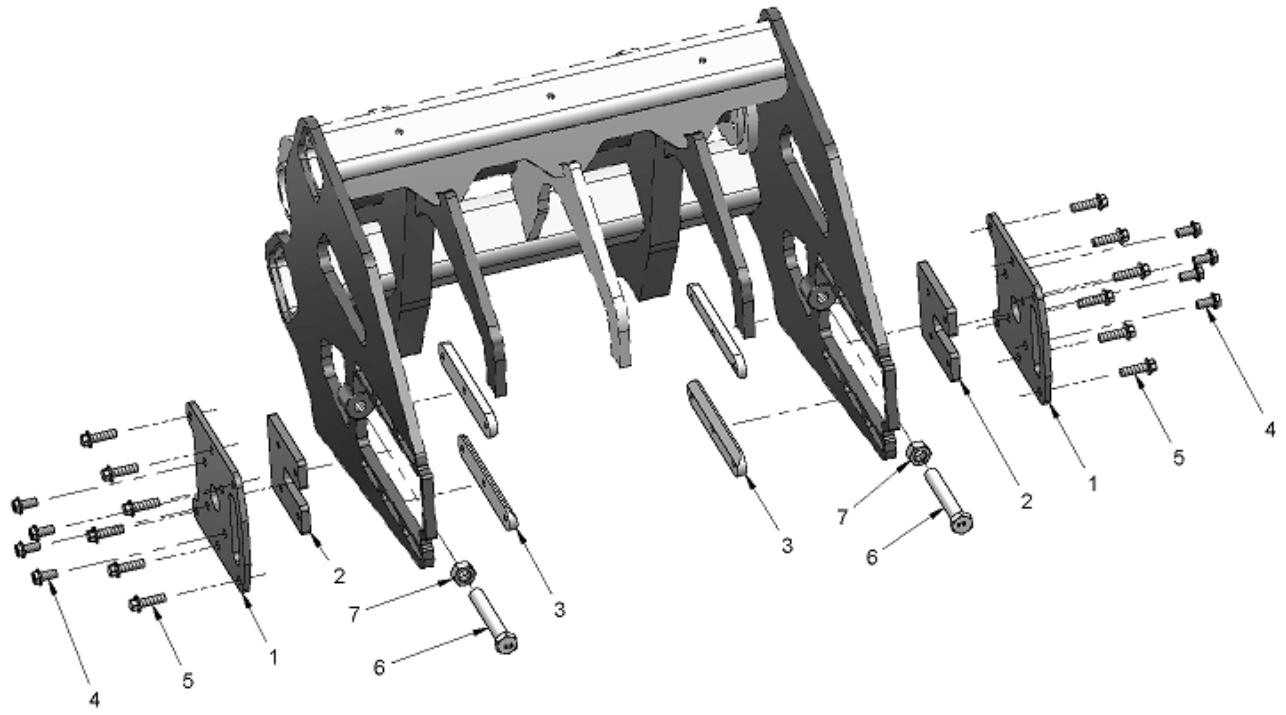
Figure 6.5 ST-1000, ST-1000S & ST-1000SE FRAME ASSEMBLY



TRACK SYSTEM	ITEM	PART #	DESCRIPTION
ST-1000	11	2750659-5000-511	SWIVELLING FRAME
	12	2750659-6000-511	TENSIONNER SWIVELLING FRAME
ST-1000S	11	2750652-3000-511	SWIVELLING FRAME
	12	2750652-2000-511	TENSIONNER SWIVELLING FRAME
ST-1000SE	11	2750653-1-3000-511	SWIVELLING FRAME
	12	2750653-1-2000-511	TENSIONNER SWIVELLING FRAME

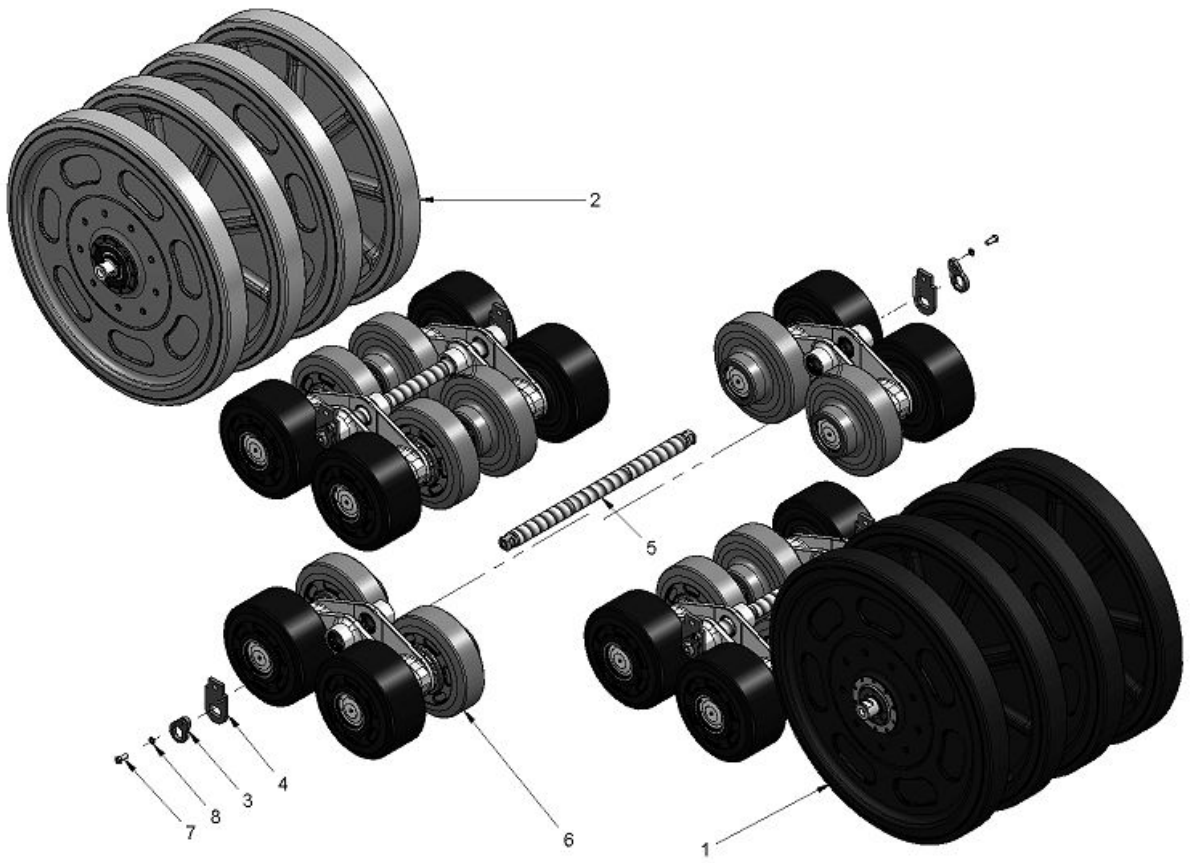
ITEM	# PART	QTY	DESCRIPTION
1	2751120-1000-511	2	AXLE RETAINING PLATE
2	2750601-7106-511	1	OIL PLASTIC CLAMPING PLATE
3	2750635-1-6000-511	1	INSIDE NUTS RETAINER
4	2750635-1-7000-511	1	INSIDE BACK PLATE
5	2750635-1-8000-511	1	OUTSIDE NUTS RETAINER
6	2750635-1-9000-511	1	OUTSIDE BACK PLATE
7	2750635-6000	2	END PIVOT ASS'Y
8	2750635-7105-211	1	MAIN SHAFT LID
9	2750635-9000-511	2	SHAFT STOPPER
10	2750659-1000-511	1	MAIN FRAME
11	2750659-5000-511	1	SWIVELLING FRAME
12	2750659-6000-511	1	TENSIONNER SWIVELLING FRAME
13	2750660-7500	1	OIL SHIM WINDOW
14	2751132-1000	1	SOUCY TM PLATE
15	7S6484-00008-000	1	MAGNETIC DRAIN PLUG M12-1.75
16	CB3644-052-GM	4	GAR-MAX BUSHING 2.25 X 2.75 X 3.25
17	EMTUBE-001-MANUEL164	1	MANUAL TUBE SET
18	ETSI-00130	1	FRAME STICKER
19	ETSI-00140	1	MAINTENANCE STICKER
20	ETSI-00150	1	ETIQUETTE AVERTISSEMENT/ WARNING STICKER
21	ETSI-00151	1	WARNING STICKER ROAD TRAVELING
22	ETSI-00170	1	HEAVY LOAD STICKER
23	PLAQUE-SIGNAL-CE	1	CE NAMEPLATE
24	S1111-08060-0D7	4	HEXAGONAL BOLT CL8.8 ZINC NICKLE PLATED M8-1.25 X 60 (DIN 931)
25	S1111-16090-0F7	10	HEX. B. CL10.9 ZnNi M16-2.0 X 90mm (DIN931)
26	S1111-20040-0F7	2	HEXAGONAL BOLT CL10.9 ZnNi M20-2.5 X 40 (DIN 931)
27	S1114-12025-1D7	4	HEXAGONAL FLANGE BOLT SERRATED CL8.8 ZnNi M12-1.75 X 25MM (DIN 6921)
28	S1114-16050-1D7	12	HEX. FLANGE BOLT SERRATED CL8.8 ZnNi M16-2.0 X 50MM (DIN 6921)
29	S1131-06020-0D7	6	HEXAGONAL BOLT CL8.8 ZnNi M6-1.0 X 20 (DIN 933)
30	S4186-M080M-027	4	HEXAGONAL NYLON NUT CL8 ZnNi M8-1.25 (DIN 985)
31	S4186-M160Q-097	10	HEX. NYLON NUT CL10 ZnNi M16-2.0 (DIN 985)
32	S4538-M1600-001	10	RONDELLE PZ A/B NORD-LOCK M16 5/16
33	S4538-M2000-001	2	RONDELLE PZ A/B NORD-LOCK M20
34	S5111-S0863-202	2	RIVET POP T. DOME 1/4 X 5/8 ALUM.-ACIER
35	S5111-S0898-224	4	RIVET POP TETE A DOME 1/4 X .985 ALUMINIUM
36	S531D-S0320-002	2	HAIRPIN Z.P. 3/32 FOR CLEVIS PIN Ø3/8
37	S6701-00006-000	2	O-RING 6.725 X 0.275
38	S6711-00005-000	4	RADIAL SHAFT SEAL 2 1/4" ID
39	VITRE-001	1	SIDEGLASS STEMCO 359-5995

Figure 6.6 ST-1000, ST-1000S & ST-1000SE TENSIONER ASSEMBLY



ITEM	PART	QTY	DESCRIPTION
1	2751010-1000-511	2	TENSIONNER OUTER PLATE
2	2751010-2000-511	2	TENSIONNER INNER PLATE
3	2751010-3000-511	4	THREADED CLAMPING PLATE
4	S1114-12025-1D7	8	HEX. FLANGE BOLT SERRATED CL8.8 ZnNi M12-1.75 X 25MM (DIN 6921)
5	S1114-12040-1D7	12	HEX FLANGE BOLT SERRATED CL8.8 ZnNi M12-1.75 X 40mm (DIN 6921)
6	S1131-20130-0D7	2	HEX. BOLT CL8.8 ZnNi F.T. M20-2.5 X 130MM (DIN 933)
7	S4111-M200R-027	2	HEX. NUT CL8 ZnNi M20-2.5 (DIN 934)

Figure 6.7 ST-1000 AXLE & WHEEL ASSEMBLY

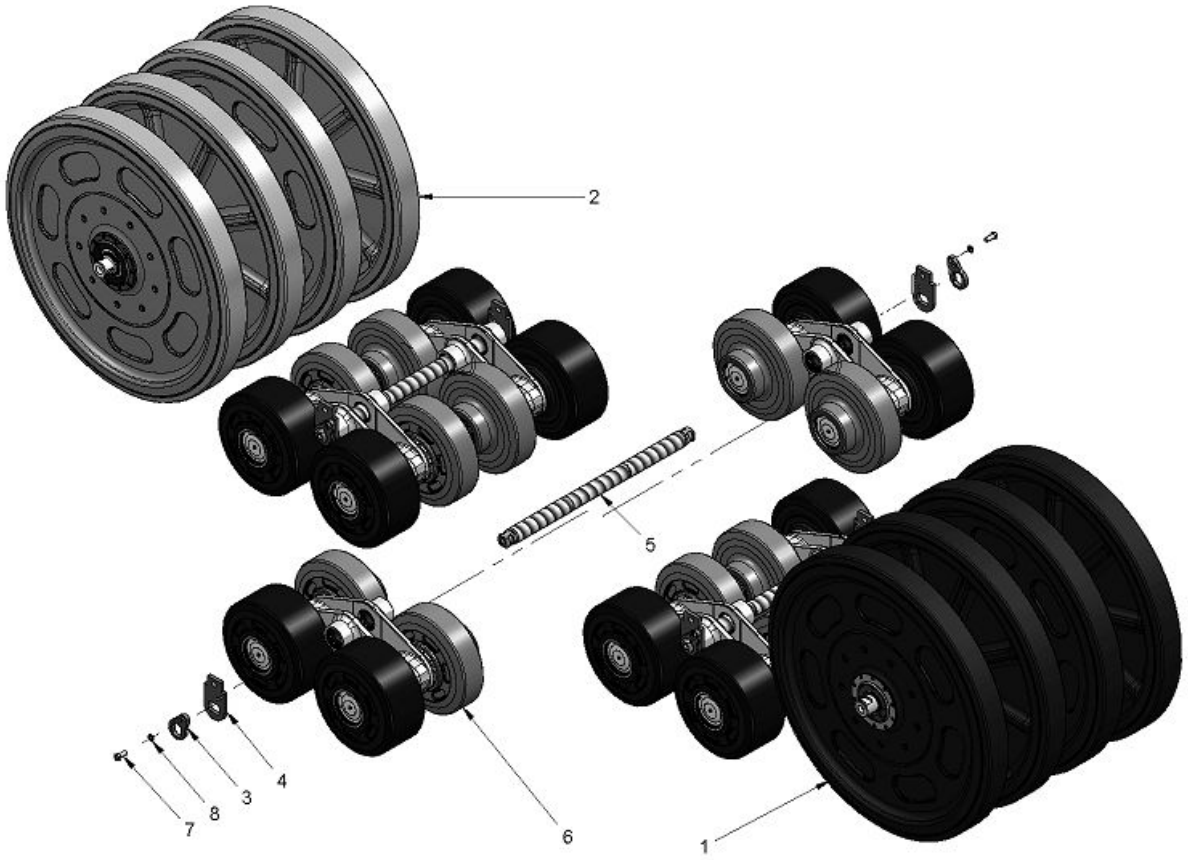


ITEM	# PART	QTY	DESCRIPTION
1	2750149-17	1	AXLE 4 X 17" WHEELS ASS'Y FOR 32" TRACK
1	2750149-28	1	AXLE 4 X 28" WHEELS ASS'Y FOR 32" TRACK
2	2750150-17	1	OS AXLE 4 X 17" WHEELS ASS'Y FOR 32" TRACK
2	2750150-28	1	OS AXLE 4 X 28" WHEELS ASS'Y FOR 32" TRACK
3	2750632-1-4000-511	6	OUTER TANDEM STOP
4	2750635-2-3000-511	6	INNER TANDEM STOPPER
5	2750654-5000	3	HARDENED TANDEM SHAFT
6	2750659–2000	6	SIMPLE CASSETTE SEAL TANDEM ASS'Y
7	S1131-10025-0D7	6	HEX BOLT CL8.8 ZnNi M10-1.5 X 25 (DIN 933)
8	S4538-M1000-001	6	NORD-LOCK ZP WASHER M10

Table 6.1 TANDEM AXLE REPLACEMENT KIT (KS-1044)

ID.	# PART	QTY	DESCRIPTION
4	2750635-2-3000-511	12	INSIDE TANDEM STOPPER
5	2750654-5000	6	HARDENED TANDEM SHAFT

Figure 6.8 ST-1000 AXLE & WHEEL ASSEMBLY (2790200)

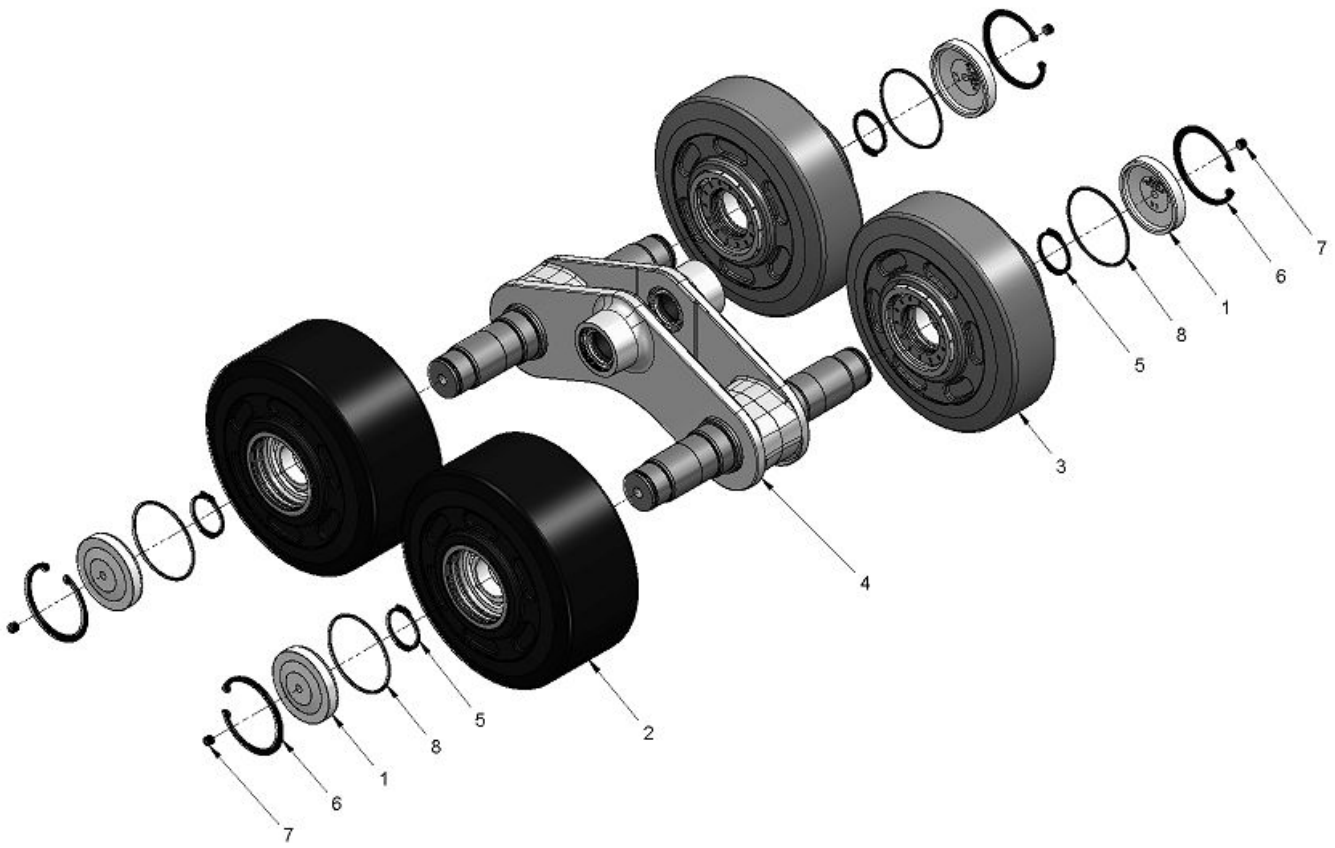


ITEM	# PART	QTY	DESCRIPTION
1	2750149-17	1	AXLE 4 X 17" WHEELS ASS'Y FOR 32" TRACK
1	2750149-28	1	AXLE 4 X 28" WHEELS ASS'Y FOR 32" TRACK
2	2750150-17	1	OS AXLE 4 X 17" WHEELS ASS'Y FOR 32" TRACK
2	2750150-28	1	OS AXLE 4 X 28" WHEELS ASS'Y FOR 32" TRACK
3	2750632-1-4000-511	6	OUTER TANDEM STOP
4	2750635-2-3000-511	6	INNER TANDEM STOPPER
5	2750654-5000	3	HARDENED TANDEM SHAFT
6	27506661-2000	6	DUAL GREASING COVER TANDEM ASS'Y
7	S1131-10025-0D7	6	HEX BOLT CL8.8 ZnNi M10-1.5 X 25 (DIN 933)
8	S4538-M1000-001	6	NORD-LOCK ZP WASHER M10

Table 6.2 TANDEM AXLE REPLACEMENT KIT (KS-1044)

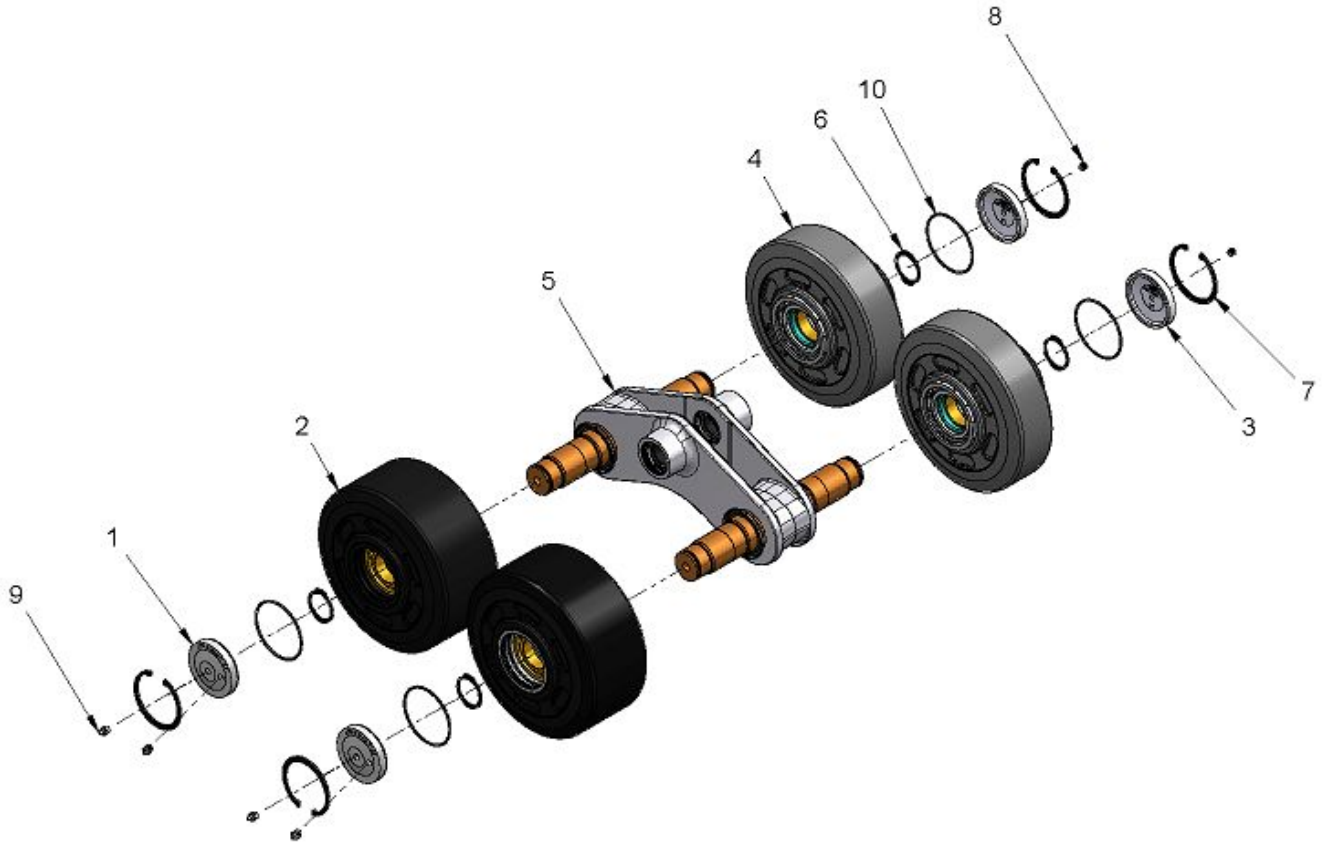
ID.	# PART	QTY	DESCRIPTION
4	2750635-2-3000-511	12	INSIDE TANDEM STOPPER
5	2750654-5000	6	TANDEM SHAFT STAINLESS STEEL

Figure 6.9 ST-1000, ST-1000S & ST-1000SE TANDEM ASSEMBLY (ASS'Y # 2750659-2000)



ITEM	# PART	QTY	DESCRIPTION
1	2750154-3000-511	4	WHEEL CAP
2	2750154-70A	2	LARGE CASSETTE 10" DIA. WHEEL ASS'Y
3	2750154-80A	2	CASSETTE 10" DIA. WHEEL ASS'Y
4	2750659-2100	1	SUB-ASS'Y TANDEM
5	S5211-10006-004	4	SNAP RING D1460-0450 DIA. 1.772"
6	S5212-10015-004	4	SNAP RING D1300-0850 DIA. 3.346"
7	S6484-00007-000	4	SOCKET PLUG M10 X 1.0 TAPER THREAD
8	S6701-00014-000	4	O-RING 1/8" X 3 3/8 ID

Figure 6.10 ST-1000, ST-1000S & ST-1000SE TANDEM ASSEMBLY (ASS'Y # 2750661-2000)



ITEM	#PART	QTY	DESCRIPTION
1	2750154-1-1000	2	DUAL GREASING COVER
2	2750154-20A	2	LARGE 10" DIA. WHEEL ASS'Y
3	2750154-3000	2	WHEEL CAP
4	2750168-10A	2	ASS'Y 10" DIA. WHEEL
5	2750661-2100	1	SUB-ASS'Y TANDEM
6	S5211-10006-004	4	SNAP RING D1460-0450 DIA. 1.772"
7	S5212-10015-004	4	SNAP RING D1300-0850 DIA. 3.346"
8	S6484-00007-000	2	SOCKET PLUG M10 X 1.0 TAPER THREAD
9	S6602-00006-000	4	ZERK GREASE FITTING STRAIGHT M10 X 1.0
10	S6701-00014-000	4	O-RING 1/8" X 3 3/8 ID

Figure 6.11 ST-1000, ST-1000S & ST-1000SE Ø10" WHEEL ASSEMBLY (ASS'Y # 2750154-80A)

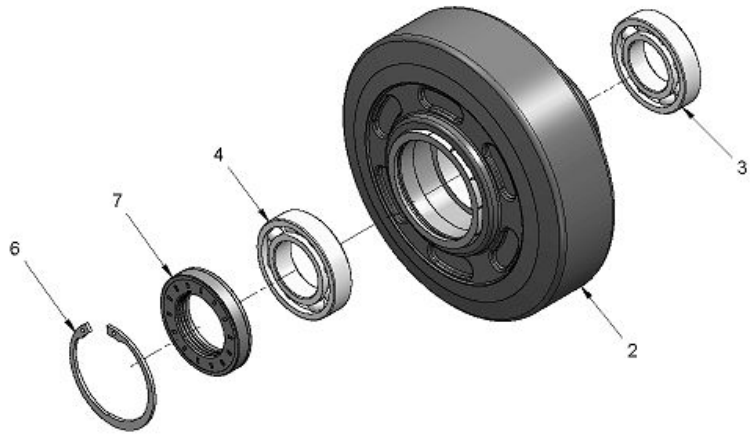
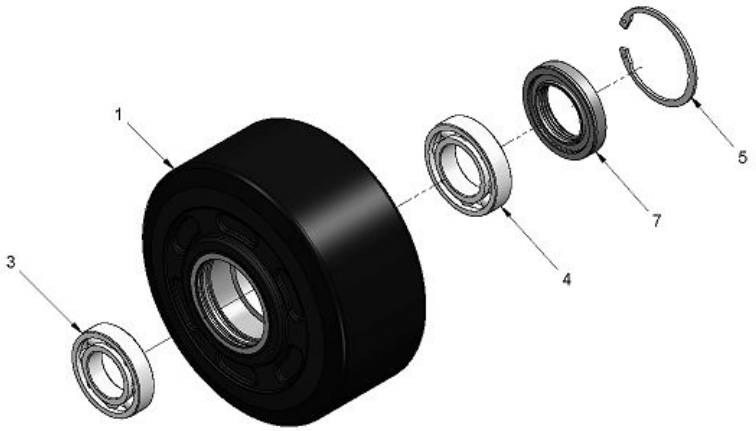


Figure 6.12 ST-1000, ST-1000S & ST-1000SE Ø10" WIDE WHEEL ASSEMBLY (ASS'Y # 2750154-70A)



ITEM	# PART	QTY	DESCRIPTION
1	4400159-20	1	LARGE DIA. 10" MOLDED WHEEL
2	4400200-20	1	10" MOLDED WHEEL
3	B6209	1	BALL BEARING #B6209
4	B6210	1	BALL BEARING #B6210
5	S5212-10012-004	1	INTERNAL SNAP RING 90mm X 3mm
6	S5212-10012-004	1	INTERNAL SNAP RING 90mm X 3mm
7	S6723-00008-000	1	FUSION NO P10944 CASSETTE SEAL 55 X 90

Figure 6.13 ST-1000, ST-1000S & ST-1000SE Ø10" WHEEL ASSEMBLY (ASS'Y # 2750154-20A)

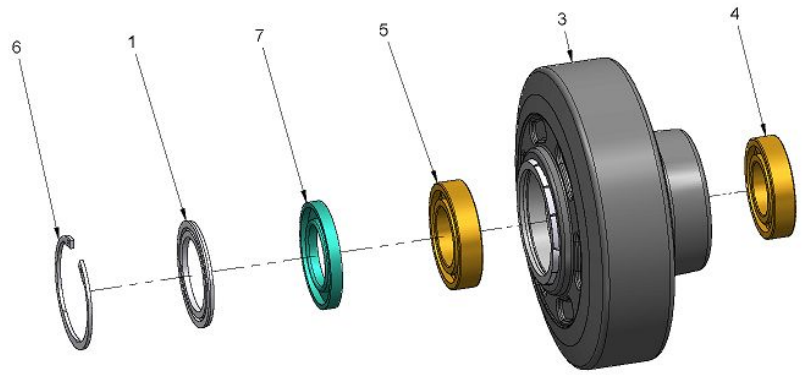
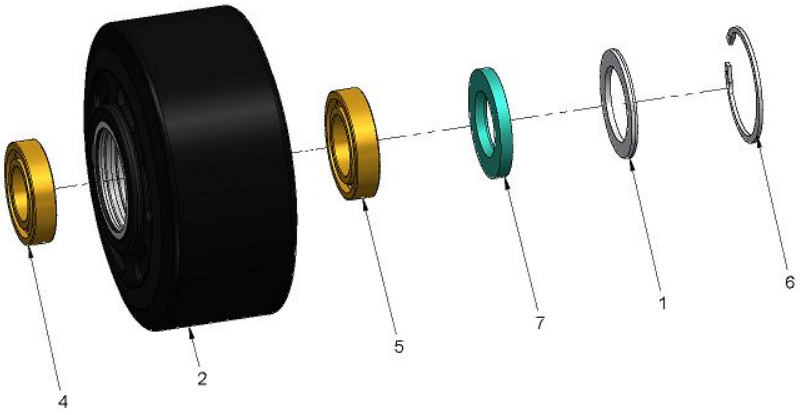


Figure 6.14 ST-1000, ST-1000S & ST-1000SE Ø10" WIDE WHEEL ASSEMBLY (ASS'Y # 2750168-10A)

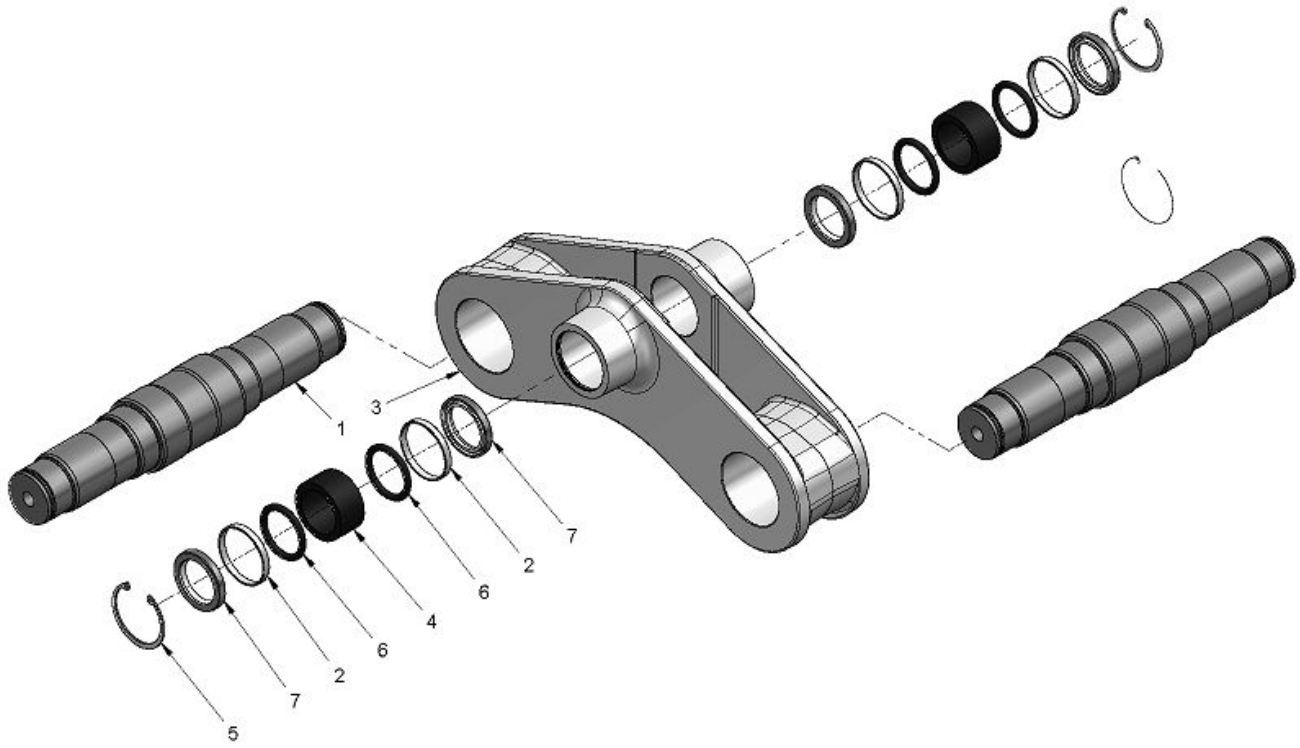


ITEM	# PART	QTY	DESCRIPTION
1	2750127-3000	2	SEALING WASHER
2	4400159-20	1	LARGE DIA. 10" MOLDED WHEEL
3	4400200-20-z	1	10" MOLDED WHEEL
4	B6209	2	BALL BEARING #B6209
5	B6210	2	BALL BEARING #B6210
6	S5212-10012-004	2	INTERNAL SNAP RING 90mm X 3mm
7	S6703-00004-000	2	SEALING RING 55X 90 X 10

Table 6.3 CASSETTE SEAL REMPLACEMENT KIT (KS-1070-1)

ITEM	# PART	QTY	DESCRIPTION
N/A	S6701-00014-000	4	O-RING 1/8" X 3 3/8 ID
7	S6723-00008-00	4	FUSION NO P01944 CASSETTE SEAL 55 X 90

Figure 6.15 SUB-ASSY TANDEM REPLACEMENT KIT (#2750659–2100)

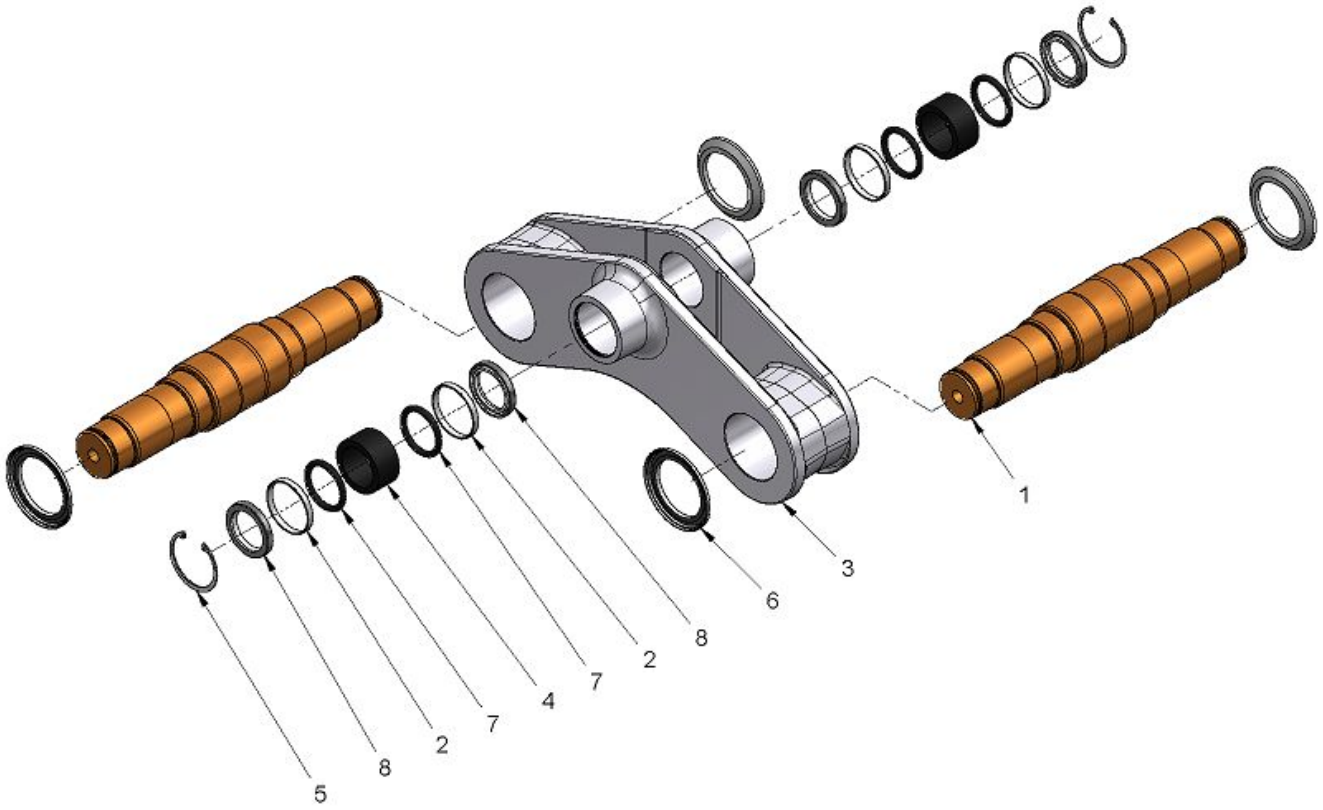


ITEM	# PART	QTY	DESCRIPTION
1	2750154-6000	2	AXLE SHAFT
2	2750645-1500	4	SLEEVE-O'RING-SIMPLE
3	7750635-4000-511	1	MACHINED CASTED TANDEM
4	CF24M32-16	2	BUSHING GAR-MAX 1.5" ID X 2" OD X 1"
5	S5212-10003-004	2	INTERNAL CIRCLIP 2.21 O.D. B. OXYDE
6	S6701-00048-000	4	O-RING ID1.5 X OD1.875 X W.1875
7	S6711-00001-000	4	RADIAL SHAFT SEAL AU/STEEL 1.5 X 2 X 0.25

Table 6.4 BUSHING REPLACEMENT KIT (KS-1069–1)

ITEM	# PART	QTY	DESCRIPTION
2	2750645-1500	4	SLEEVE-O'RING -SIMPLE
4	CF24M32-16	2	BUSHING GAR-MAX 1.5" ID X 2" OD X 1"
5	S5212-10003-004	2	INTERNAL CIRCLIP 2.21 O.D. B. OXYDE
6	S6701-00048-000	4	O-RING ID 1.5 X OD 1.875 X W .1875
7	S6711-00001-000	4	RADIAL SHAFT SEAL AU/STEEL 1.5 X 2 X 0.25

Figure 6.16 SUB-ASSY TANDEM REPLACEMENT KIT (#2750661–2100)

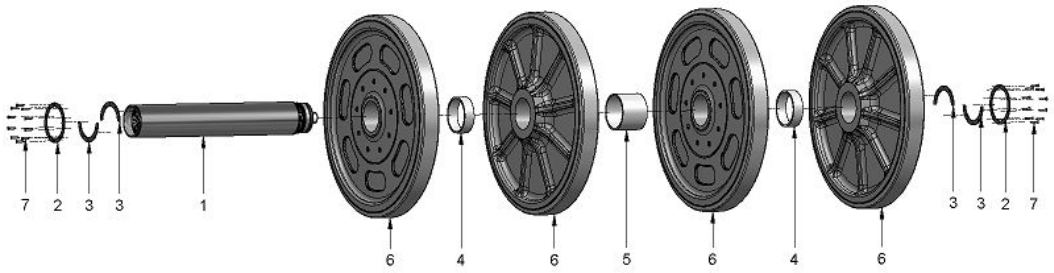


ITEM	# PART	QTY	DESCRIPTION
1	2750154-6000	2	AXLE SHAFT
2	2750645-1500	4	SLEEVE-O'RING-SIMPLE
3	7750635-4000-511	1	MACHINED CASTED TANDEM
4	CF24M32-16	2	COUSSINET GAR-MAX 1.5" ID X 2" OD X 1"
5	S5212-10003-004	2	INTERNAL CIRCLIP B.OXYDE N1300-0200
6	S6501-00008-000	4	SEAL MVR2-55 77 O.D. X 55 I.D.
7	S6701-00048-000	4	O-RING ID1.5 X OD1.875 X W.1875
8	S6711-00001-000	4	RADIAL SHAFT SEAL AU/STEEL 1 1/2" ID X 2"OD X 0.25

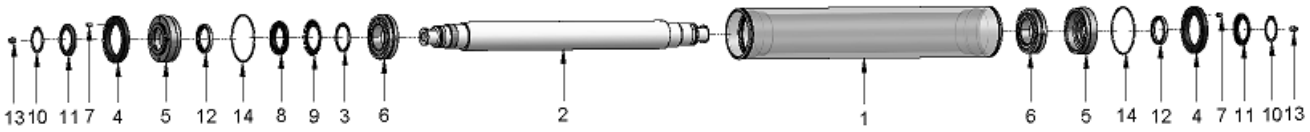
Table 6.5 BUSHING REPLACEMENT KIT (KS-1069–1)

ITEM	# PART	QTY	DESCRIPTION
2	2750645-1500	4	SLEEVE-O'RING-SIMPLE
4	CF24M32-16	2	COUSSINET GAR-MAX 1.5" ID X 2" OD X 1"
6	S6501-00008-000	4	SEAL MVR2-55 77 O.D. X 55 I.D.
7	S6701-00048-000	4	O-RING ID1.5 X OD1.875 X W.1875
8	S6711-00001-000	4	RADIAL SHAFT SEAL AU/STEEL 1 1/2" ID X 2"OD X 0.25

Figure 6.17 ST-1000 REAR AXLE 4.5 in WITH 4 X 28 in WHEELS ASSY (ASS'Y # 2750150–28) & ST-1000S & ST-1000SE REAR AXLE 4.5 in WITH 4 X 17 in WHEELS ASSY (ASS'Y # 2750150-17)

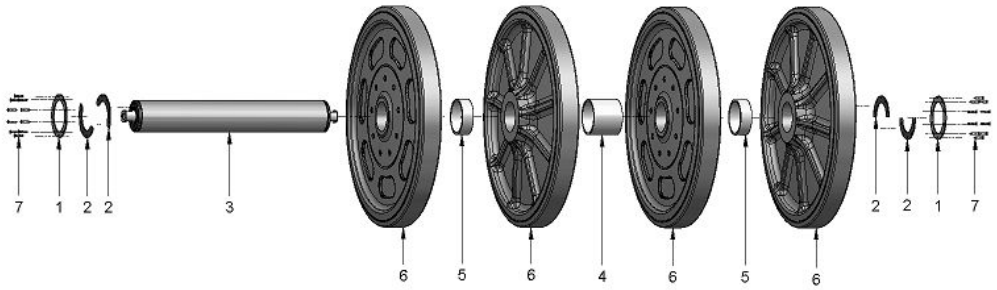


ITEM	# PART	QTY	DESCRIPTION
1	2750150	1	OVERSIZE AXLE ST-800 ASS'Y
2	2750150-2-2000-511	2	WHEEL RETAINING RING
3	2750150-2-3000-511	4	HALF RETAINING RING
4	2750150-2-6000	2	SHORT WHEEL SPACER
5	2750150-2-7000	1	LONG WHEEL SPACER
6	4400256-20	4	MOLDED WHEEL 28" HUB 4 1/2"
6	2750150-2-1000	4	MOLDED WHEEL 17" HUB 4 1/2"
7	S3912-08010-002	20	WOOD SCREW Z.P. #8 X 1-1/4" F/P(F.HEAD)

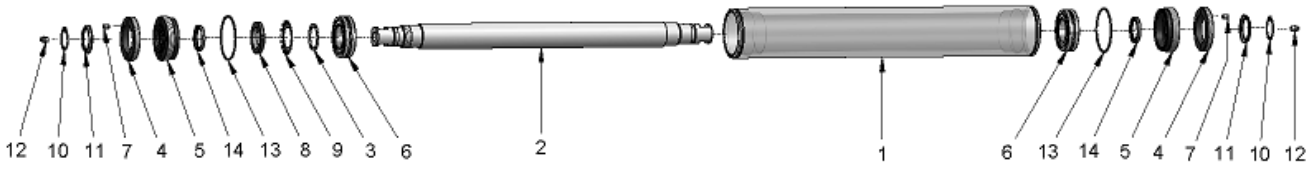


ITEM	# PART	QTY	DESCRIPTION
1	2750150-1000	1	OVERSIZE HOUSING
2	2750150-2000	1	OVER SIZE ST-800 AXLE
3	2750150-5000	1	ANTI-ROTATION PLATE
4	2750150-7000-511	2	OS LOCK NUT
5	2750150-8000	2	SEAL CAP
6	B22211E-SKF	2	SPHERICAL ROLLER BEARING DIA.55 MM X 100MM SKF #B22211E
7	S3373-08012-000	2	HEX. SOCKET SET SCREW M8-1.25 X 12 CUP POINT DIN916
8	S4214-M0550-000	1	KM-11 LOCK NUT M55 X 2
9	S4531-M0550-000	1	MB11 LOCK WASHER DIA. 55 MM
10	S5211-10016-004	2	EXTERNAL CIRCLIP DIA.50MM
11	S6501-00009-000	2	SEAL MVR2-50 50 I.D. X 72 O.D. X 7.5 W.
12	S6502-00003-000	2	SEAL CR-50X64X8-HMSA10-RG
13	S6602-00002-000	2	ZERK GREASE FIT STRAIGHT 1/8-27 NPT HEX. 7/16 Z.P.
14	S6701-00013-000	2	O-RING 4.0 X 4.25 X 0.139"

Figure 6.18 ST-1000 FRONT AXLE 4 in WITH 4 X 28 in WHEELS ASSY (ASS'Y # 2750149-28) & ST-1000S & ST-1000SE FRONT AXLE 4 in WITH 4 X 17 in WHEELS ASSY (ASSY # 2750149-17)

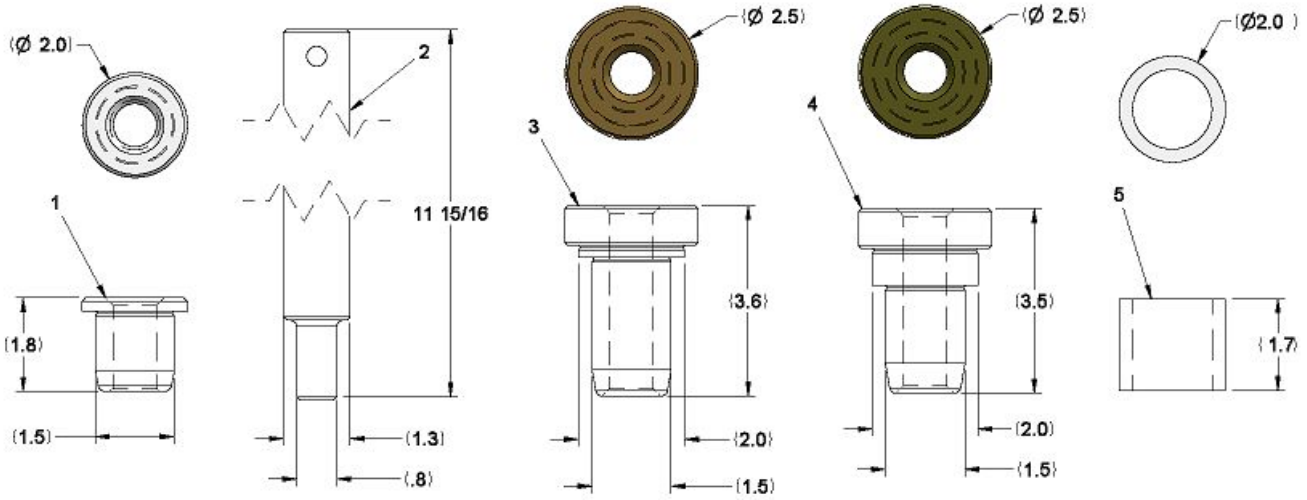


ITEM	# PART	QTY	DESCRIPTION
1	2750118-1000–511	2	WHEEL RETAINING RING
2	2750118-2000–511	4	HALF RETAINING RING
3	2750149	1	AXLE ST800 ASS'Y
4	2750149-2-6000	1	WHEEL SPACER
5	2750149-2-7000	2	WHEEL SPACER
6	4400067-20	4	ø28" MOLDED WHEEL
6	4400074-20	4	ø17" MOLDED WHEEL
7	S3912-08010-002	20	WOOD SCREW Z.P. #8 X 1-1/4" F/P(F.HEAD)



ITEM	# PART	QTY	DESCRIPTION
1	2750149-1000	1	ST-800 HD AXLE HOUSING
2	2750149-2000	1	ST-800 HD AXLE SHAFT
3	2750149-5000	1	ANTI-ROTATION PLATE
4	2750149-7000-511	2	ST-800 HD LOCK NUT
5	2750149-8000	2	SEALED CAP
6	B22209E	2	SPHERICAL ROLLER BEARING 45mm X 85mm
7	S3373-08012-000	2	HEX. SOCKET SET SCREW M8-1.25 X 12 CUP POINT DIN916
8	S4213-24500-000	1	M45 X 1.5 GROOVED NUT
9	S4531-M0450-000	1	ø45 MM I.D. X ø69 MM O.D. LOCK WASHER
10	S5211-10005-004	2	SNAP RING D1400-0400 Ø40mm
11	S6501-00007-000	2	SEAL ø40 I.D. X ø58 O.D. X 6.5 W.
12	S6602-00002-000	2	ZERk GREASE FIT STRAIGHT 1/8-27 NPT HEX. 7/16 Z.P.
13	S6701-00014-000	2	O-RING 1/8" X 3 3/8 ID
14	S6711-00002-000	2	DOUBLE LIP SEAL 40 X 52 X 7

Figure 6.19 TANDEM'S BUSHING MAINTENANCE TOOLS



ITEM	# PART	QTY	DESCRIPTION
1	2750635-5-1000	1	BUSHING EXTRACTOR
2	2750635-5-4000	1	NOCK HANDLE TOOL
3	SPT-0005-001-1	1	SEAL INSERTING TOOL
4	SPT-0005-002-1	1	BUSHING INSERTING TOOL
5	SPT-0005-003-1	1	RADIAL SEAL INSTALLATION SLEEVE

SECTION 7 TRACK SYSTEM INSTALLATION PROCEDURE

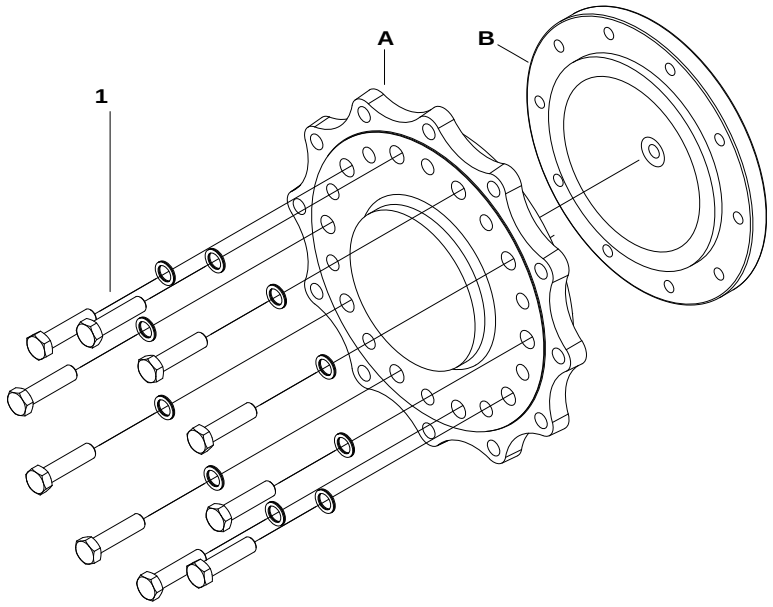
1. Raise the vehicle until the wheels leave the ground and stabilize it with jacks. Refer to the manual of the vehicle user to position the jacks safely.
2. Remove wheel as indicated in owner's manual.

NOTE

Apply anti-seize compound on the face of the adaptor in contact with the combine hub.

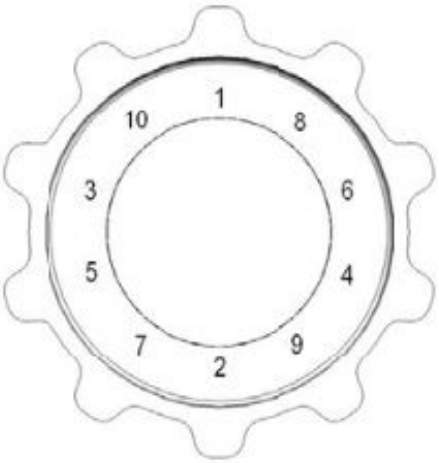
3. Install the adaptor to the combine hub with bolts or nuts and washers (Figure 6.1, item 1). Tighten to the torque specified by the manufacturer of the vehicle in the sequence shown on Figure 6.2.

Figure 7.1 Adaptor Installation (Typical)



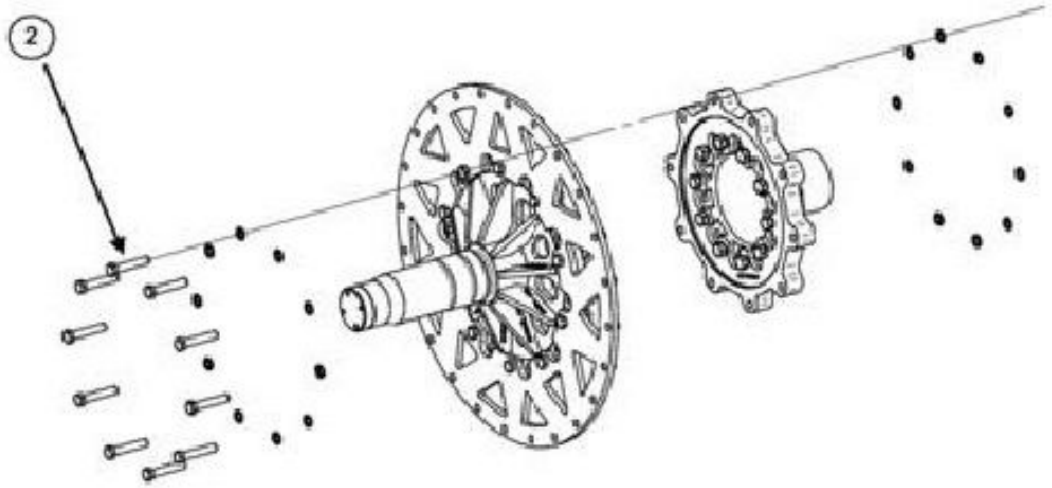
- A = ADAPTOR
- B = HUB

Figure 7.2 Bolt Torque Sequence



4. Install the Track System on the adaptor with bolts, nuts and washers (Figure 6.3, item 2). Torque to 570 Nm (420 lbf-ft) in the sequence shown on Figure 6.2.

Figure 7.3 Adaptor to Sprocket Support Installation



7.1 TRACK TENSION ADJUSTMENT PROCEDURE

NOTE

- Do the adjustment on a flat surface.
- The tracks are factory adjusted. However, they need adjustment during break-in, proceed as follows:

1. Use tensioners on both sides of the frame to adjust the track tension.
2. The track must have a deflection of at least 5 cm (2 in.) when a force of approximative 90 kg (200 lb.) is applied to the location indicated below.
3. Measure the deflection of the track by applying a force midway between the top of the sprocket and idler.

Figure 7.4 Track Tension Adjustment



4. Loosen the stop nut on the tensioners (1).
5. Loosen the bolt to tighten the track (2).
6. Tighten the stop nut when the track tension is adjusted (1).

Figure 7.5 Track Tensioner



Table 7.1 Consequences of wrong tension

TENSION	SIGNS	CONSEQUENCES
Too loose	**Ratcheting. vibration increase**	**Premature wear of track. Loss of traction. Track derailing**
Too tight	**Loss of power and RPM**	**Premature wear of track, bearing, sprocket teeth and planetary gearbox**

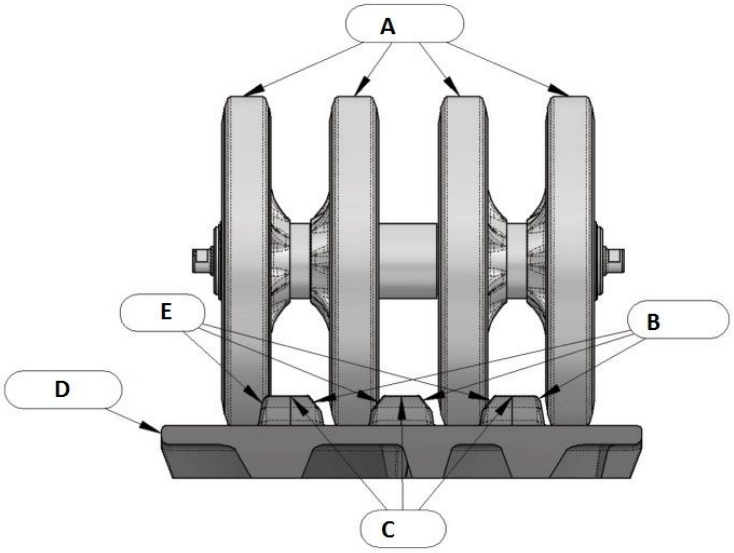
7.2 ALIGNMENT PROCEDURE

1. Perform a quick test drive of the vehicle. Drive for about 750 meters (0.5 mile) or a minute at average speed.
2. Hand feel the lugs and wheels teeth to make sure they do not overheat.
3. First try to slow down if the track overheats. If the problem persists, adjust the alignment.

NOTE

The lug temperature should be below 60 °C / 140 °F (your hand should not stand that temperature for more than a few seconds).

Figure 7.6 Track Overheat



ITEM	DESCRIPTION
A	WHEEL
B	COLD
C	LUG
D	TRACK
E	HOT

4. If the temperature is too high, adjust the track tension. Otherwise, continue the test drive for 2.5 kilometers (1.5 mile) at maximum speed.

NOTE

A higher temperature on one side means that the lugs rub against the wheels, the result of pressure from this side of the track. Loosen the tensioner on the side of the overheating lug.

5. If an adjustment is necessary, follow these steps:
   a. Loosen bolts (2) on both sides of the frame.
   b. Loosen the stop nut (1).
   c. Adjust track tension by using the adjustment bolt (2) until the correct tension.
   d. Tighten the stop nut (1).
   e. Tighten bolts (2).
   f. Repeat for each track.

NOTICE

- TIGHTEN OR LOOSEN THE SCREW IN INCREMENTS OF 3 TO 6 MM (1/8 TO ¼ IN) . CHECK THE TENSION AFTER THE FIRST 15 HOURS OF OPERATION AND THEN EVERY 200 HOURS.
- VERIFY FREQUENTLY THE LUGS TEMPERATURE WHEN DRIVING ON THE ROAD (HIGH SPEED).

Figure 7.7 Track Tensioner



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SECTION 8 MAINTENANCE

8.1 REGULAR MAINTENANCE TABLE

⚠ WARNING ⚠

> INSPECT TENSION ON ALL BOLTS AFTER THE FIRST TWO HOURS OF USE. OPERATING WITH LOOSE BOLTS CAN LEAD TO DAMAGE TO COMPONENTS, LOSS OF TRACK SYSTEM SUB-ASSEMBLIES, AND SEVERE INJURY OR DEATH.
> GREASE YOUR TRACK SYSTEM AT INSTALLATION. WHEN GREASING AXLES, ENSURE THAT GREASE SPILLS OUT FROM BOTH ENDS OF AXLE.

Table 8.1 Regular Maintenance Schedule

Operation	Frequency (hours)						
	First	Every					
	8	10	25	50	100	200	ONCE PER SEASON
Greasing of pivots under normal conditions[1]			✓				
Greasing of pivots under difficult conditions[2]		✓					
Inspection of oscillating bogie bearing (bushing)							✓
Tension of tracks	✓					✓	✓
Tightening of bolts* *Every 2 hours until settled	✓					✓	
Visual inspection of tracks				✓			
Visual inspection of wheels				✓			
Visual inspection of frame, attachment and main axle (ie, welds and bolts)					✓		
Alignment of tracks	✓					✓	
Oil level check of the main axle		✓					
Oil change of the main axle				✓1st only		✓	✓
Cleaning		✓					

NOTE

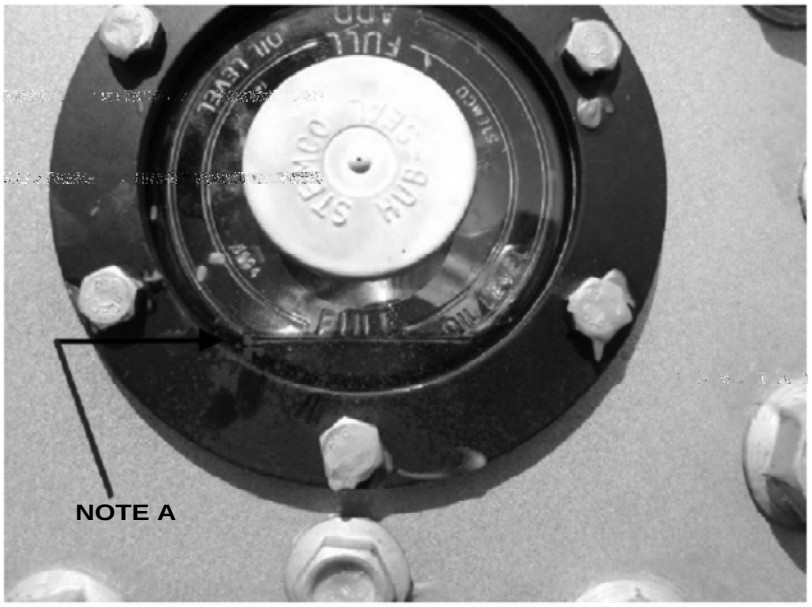
- **1 Normal conditions: well-drained, dry or slightly damp ground, no abrasives (e.g., rocks, dust and sand), with the system emerged.**
- **2 Difficult conditions: very wet, poorly drained, muddy ground, abrasives (e.g., rocks, dust and sand), with the system submerged.**
- Greasing of wheel axles under all conditions, if necessary.
- Greasing gets rid of potential contamination in the bearings.
- Always use Soucy Track approved spare parts and lubricants when you maintain your Track System.

8.2 LUBRICATION

NOTE

- See the Consumables section for lubricant types.
- Soucy Track recommends lubricating the Track System at the end of a work shift because hot lubricant is more efficient at getting to all the components requiring lubrication and it gets rid of moisture accumulation.
- Soucy uses gear oil SAE 80W90 with additive for extreme pressure (EP) or equivalent for lubrication of the main axle.

Figure 8.1 Oil Level of Main Axle

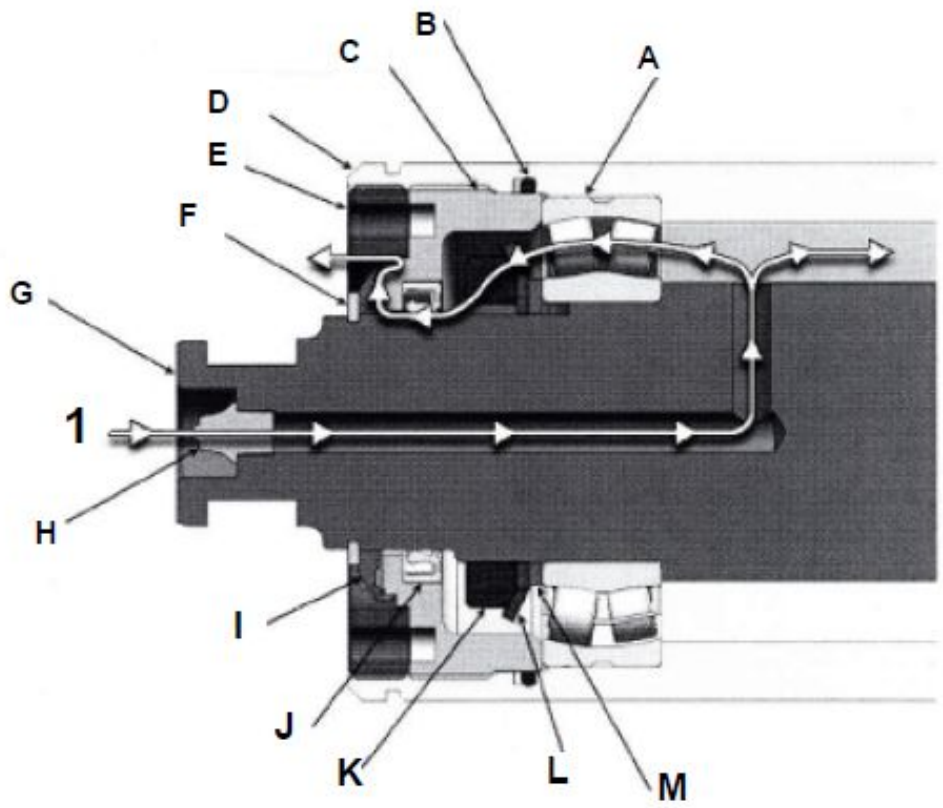


- NOTE A = FULL LEVEL

NOTE

- Drain oil by removing the magnetic drain plugs located on the housing and lid.
- Fill the housing to maximum level as indicated. Remove the red plug from the sight glass and pour in the oil using a funnel.
- Flush oil until it is clean.
- Wait five minutes for the oil to settle before checking if the quantity is adequate. It takes about 1.5 liter (0.4 gallon) of oil to reach the maximum level.
- Gear oil with extreme pressure additive, conforming to SAE 80W90. Soucy Track uses SHELL SPIRAX HD 80W90.
- Grease, lithium complex with EP (Extreme Pressure) additive, grade NLGI 1, base oil viscosity, cSt at 40: 220, service temperatures from -30 °C to 160 °C. Soucy Track uses Shell GADUS® S3 V 220 C 1. Above 10 °C, grade NLGI 2 is allowed.

Figure 8.2 Idlers Wheel Axle Lubrication



ITEM	DESCRIPTION
1	GREASE FLOW
A	BEARING
B	O-RING
C	SEALING CAP
D	HOUSING
E	LOCK NUT
F	CIRCLIP
G	SHAFT
H	GREASE FITTING
I	AXIAL SEAL
J	RADIAL SEAL
K	LOCK NUT
L	LOCK WASHER
M	ANTI-ROTATION

Figure 8.3 Track System Lubrication Points (2790163 - 2790164 - 2790198 - 2790199 - 2790202 - 2790205 - 2790206)

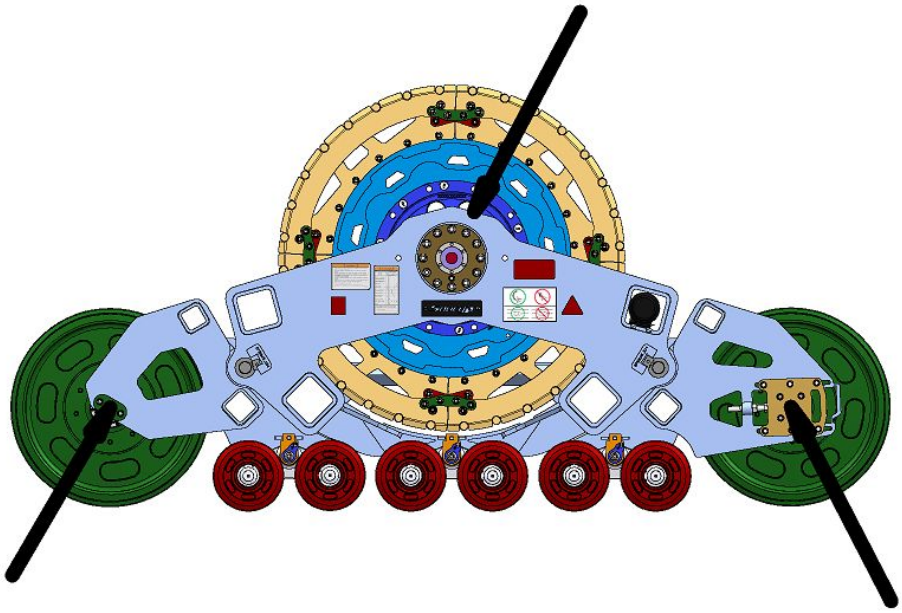
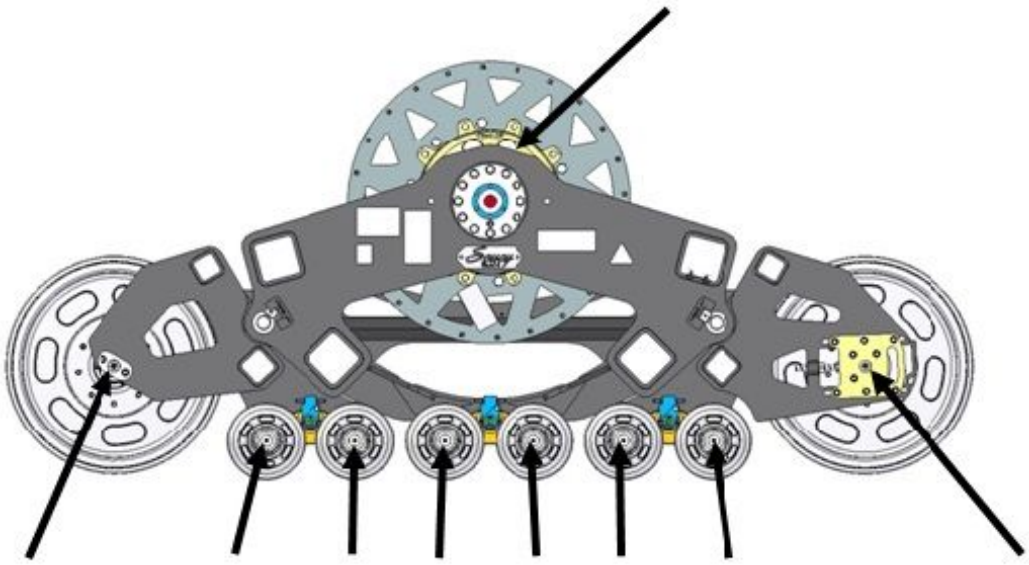


Figure 8.4 Track System Lubrication Points (2790152 - 2790153 - 2790156 - 2790159 - 2790204)



- For the wheel bearings, the grease should be lithium complex based with EP (Extreme Pressure) additive, grade NLGI 1, base oil viscosity, cSt at 40: 220, and service temperatures from -30 °C to 160 °C. Soucy Track uses Shell Gadus S3 V220C NLGI 1 grease.
- Shell Albida EP1 grease has been replaced by Shell Gadus S3 V220C NLGI 1. You can use the former until you run out of stock. Fiber bushings can be greased as a rust prevention measure only. Do not grease them too often.
- Bogie oscillating bearing (bushing) does not require lubrication.

NOTICE

IT IS VERY IMPORTANT TO CLEAN THE TRACK SYSTEM ON A DAILY BASIS, OR MORE FREQUENTLY, ACCORDING TO THE CONDITIONS OF USE. REMOVE THE MUD AND DEBRIS WITH A PRESSURE HOSE, WITHOUT DIRECTING THE JET DIRECTLY ON THE AXLES TO PREVENT CONTAMINATION OF THE BEARINGS. POOR CLEAN-UP OF THE TRACK SYSTEM CAN CAUSE BREAKAGE OF COMPONENTS THAT MAY CAUSE INJURIES. NEVER LET MUDS GETTING DRY.

NOTICE

WIPE OFF ANY LUBRICANT FROM THE TRACK AND WHEEL RUBBER.

8.3 CLEANING AND STORAGE

- Clean the Track System daily or more frequently (according to type of operation) to prevent accumulation or packing of debris. This is especially important when the combine harvester is used in muddy conditions or in claylike soil, you should never let muds getting dry. Also avoid ice accumulation.
- Operating the vehicle while debris are caught in the Track System can damage components.
- Use of a high-pressure washer is acceptable but do not direct the water jet towards seals and main axle oil level (sight glass).
- Avoid contact with oil, diesel or solvents. Wipe the track or rubber if it comes into contact with these substances.
- Store in a dry place, away from UV rays.
- Do not store next to a heat source.

8.4 LONG-TERM STORAGE CONDITIONS

- Store the Track System indoors in a cool dry area 4 °C to 25 °C (40 °F to 75 °F). Avoid exposure to UV rays. Cover system if stored outside.
- Avoid storing at temperatures greater than 35 °C (95 °F) for extended periods.
- If possible, release tension of tracks.
- Do not store the Track System in closed areas with electric devices that generate ozone (such as motors), or with petrol chemicals or petrol chemical vapors.
- The Track System is flammable. Proper fire suppression equipment is required.

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SECTION 9 OPERATION

9.1 BREAK-IN PERIOD, NEW TRACK

- An adequate break-in period is required to condition a new track. Use talc to condition a new track. If you do not have talc handy, you can use water, mud, snow, soft ground, and dust to perform such conditioning.
- A new track generates more heat in the wheel path and tread profiles than a conditioned track. This is one more reason to condition a new track, thus preventing track failure or overheat.
- An inadequate break-in period can generate smoke and the smell of burnt rubber and rubber deposits on the track and the frame. It may also cause damage to the inner side of the lugs, such as scuffing.
- To prevent scuffing, a new rubber track must be preconditioned BEFORE using it in the field or on the road. A new track should be preconditioned with dirt or some other non-caustic material. This is done by scattering a thin layer of the material over the surface of the track and driving the system slowly for a short period. The dirt acts as a lubricant and enhances the track conditioning process. Conditioning may need to be done more than once if the system is used on the road for long distance dispatch.
- After initial conditioning, the system should be operated in the field to further condition the track. The track conditioning process should be checked often for the first 100 hours of service. After using the system in field conditions for a while, the drive lugs will harden and better resist heat and scuffing.
- If accelerated scuffing should occur with high heat on the drive lugs, see the adjustment and alignment procedures or contact your Soucy Track dealer.

9.2 USE OF TALC

1. During the break-in phase, coat the track with talc. Talc acts as a dry lubricant. It prevents overheating and reduces friction between wheel and track. You can obtain talc from your combine harvester dealer (typical use is for treated seed planting with pneumatic planter). Apply talc as follows:
2. During break-in period;
   a. Sprinkle one cup of talc per track (in order to lubricate the contact surface between the side of the wheel and the drive lugs) and drive the combine harvester for 2.5 km (1.5 mile).
   b. When traveling long distance, apply talc after every 30 minutes of travel.
3. Once break-in is complete;
   a. Use talc as necessary when traveling long distance.

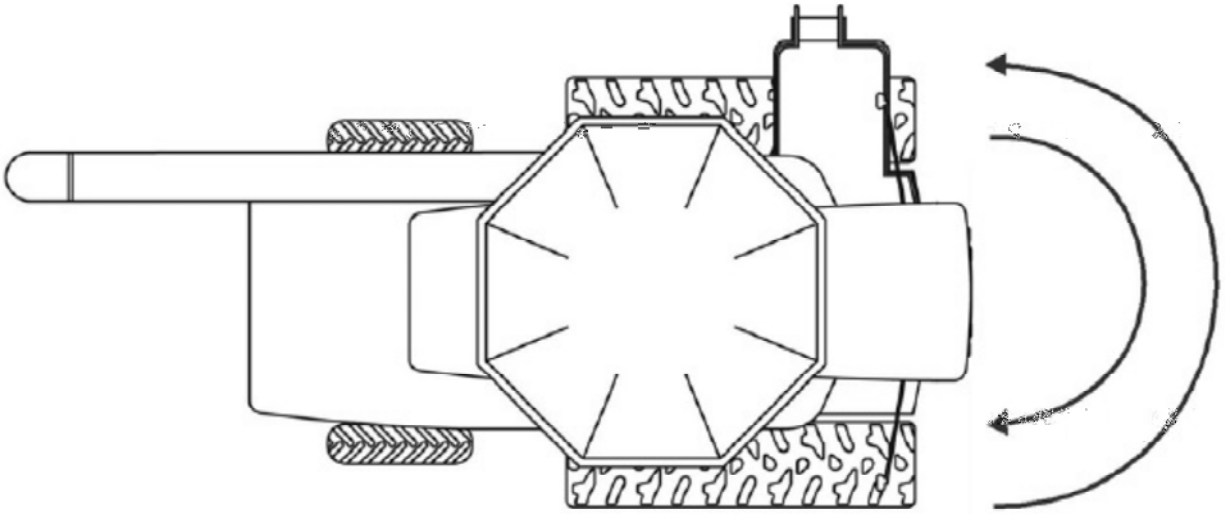
9.3 SAFE OPERATION

- Before you operate the Track System, make sure the tracks are correctly adjusted and aligned.
- There is a slight loss of speed when using a track system. This is due to a smaller sprocket diameter compared to the wheels, additional weight of the system, and to the increased traction of the Track System. Therefore, the driving characteristics of your vehicle will change with the installation of the Track System. Take the time to familiarize yourself with operating the system before you use it in the field.
- The system is designed to run on agricultural land surfaces. Do not drive on hard surfaces (paved roads) and/or at high speed for extended periods.
- Contact your Soucy Track dealer if you have questions about operating your Track System.

9.4 TRACK ROTATION

- Over time, tracks may wear unevenly. That has no adverse impact on system operation. Still, we recommend rotating the tracks from side to side after 1,000 hours of normal use or 500 hours of intensive use (heavy load and road travel).

Figure 9.1 Track Rotation



9.5 RECOMMENDATION WHEN TRAVELLING ON ROAD

- Using rubber tracks on roads requires a minimum of precaution. The following information are about track behavior under certain conditions and what you can do to maximize the longevity of your system.
- Like a tire, the worst enemy of a rubber track is heat.
- The combination of higher speeds and heavy loads, as well as uneven road conditions, may lead to track overheating and perhaps premature damage to rubber tracks, wheels and other components.
- To avoid this kind of inconvenience, Soucy Track recommends adjusting your speed on long distance trips, hot pavement or uneven road surface.
- To find out if a rubber track is overheating, the rule of thumb is to hand feel the internal wheel path of the track as well as the rubber surface of the wheels. If your hand can stand the heat, the track is not overheating. Please ensure verifying the inside wheels and corresponding wheel path (wheel point toward the vehicle) as they may be affected by concave road.
- If overheating occurs, simply try slowing down or, if possible, unload the vehicle.

SECTION 10 WARRANTY POLICY AND PROCEDURE

SCOPE

NOTE

In case of doubt or differences of interpretation, the English version shall prevail over the translated text.

This warranty policy applies to the following products only: **Soucy Track Systems from Soucy International Inc.** This document is a guide explaining the warranty's limited conditions for the agricultural track system and winter trail groomer. Please note that Soucy International Inc. retains the right to make a final decision regarding repair or replacement of parts.

10.1 COMMITMENT

- Soucy International Inc. guarantees that all of its products will be free from any manufacturing or material defects for its track system kits and related accessories;
- Soucy International Inc. commits to cover the replacement costs of the product or parts that are defective for the entire duration of the warranty;
- All parts deemed defective, and which lead to a guarantee claim, must be inspected by a qualified representative or an authorized agent of Soucy International Inc. for the warranty to be approved. To facilitate inspection, Soucy International Inc. can demand that the defective part(s) be returned. In other circumstances, sharp and precise pictures clearly showing the problem may be required;
- Soucy International Inc. retains the right to replace a defective part/product with an updated version. These modifications will not in any case reduce the original product integrity.

10.2 WARRANTY PERIOD

- **New product of the ORIGINAL Series for agricultural use**: the warranty period starting from the date of retail sale is twelve (12) months or a thousand (1,000) hours of operation, whichever comes first;
- **New product of the ORIGINAL Series used exclusively for winter trail grooming:** the warranty period starting from the date of retail sale is twenty-four (24) months or a thousand (1,000) hours of operation, whichever comes first;
- **New product of S-TECH Series:** the warranty period starting from the date of retail sale is twenty-four (24) months or a thousand (1,000) hours of operation, whichever comes first;
- **Rubber tracks:** please refer to the "RUBBER TRACKS REPLACEMENT PROGRAM" section for more information;
- **Spare parts:** any spare part is warranted for a period of six (6) consecutive months starting from the date of retail sale;
- **Repackaged and/or repaired product:** any product or part repackaged and/or repaired by Soucy International Inc. or one of its authorized agents during the original warranty period will continue to be warranted for the remaining period of that warranty.

10.3 EXCLUSION

- Normal wear on mobile parts other than failures caused by a manufacturing or material defect that has been correctly identified;
- Travelling expenses for the tracked vehicle, equipment and staff needed for repairs;
- Parts that were not manufactured or provided by Soucy International Inc.;
- Shop supplies and repairs made by a third party, other than the agent authorized by Soucy International Inc.;
- Use of the product in a field other than agriculture and winter trail grooming; except with the formal written consent of Soucy International Inc.;
- Normal wear and tear of lugs due to prolonged used on roads and/or hard surfaces and/or abrasive surfaces are not deemed warrantable. Please refer to the Soucy Track Operation Manual for details;
- Damage caused by blunt objects (e.g. cut, partial tearing of rubber, etc.) that are not the result of a manufacturing or material defect;
- Damage resulting from negligence or from a mechanical failure of the tractor, as well as damage caused by an accident or the spilling of chemicals on the track;
- Damages seen as purely aesthetic that do not hinder the system performance or durability.

10.4 LIMITATIONS

NOTE

Soucy International Inc. cannot be held responsible in the following cases:

- For indirect, incidental, or consequential damages;
- For damage to a tractor's OEM parts or equipment pieces designed and manufactured by a third-party manufacturer;
- For any loss of earnings, or loss of use of an equipment part, caused by a mechanical failure;
- When Soucy International Inc. is not informed by the client or authorized agent of any defect or failure within a reasonable time or during the warranty period (please refer to the "TERMS" section for more information);
- When the failure was caused by an installation deemed inappropriate by Soucy International Inc.;
- When the product and/or part failure is the result of abuse, negligence or inadequate maintenance;
- When the product was modified in any way without the implicit consent of Soucy International Inc. or one of its representatives.

10.5 TERMS

1. For the product to be eligible for the warranty, the product commissioning date must have been previously registered by the reseller with Soucy International Inc.;
2. Only claims made by an agent authorized by Soucy International Inc. during the coverage period will be considered for warranty purposes;
3. The Claim Form of Soucy Track must be duly completed and handed in with a proof of purchase for the Soucy Track System;
4. Claims must be made within a reasonable time after repairs and no later than thirty (30) days after the warranty expired, otherwise claims will be automatically rejected;
5. Defective parts must be kept by the authorized agent of Soucy Track for a six (6) month period after the claim submission;

> ***NOTICE***
>
> **WELL DEFINED AND PRECISE PICTURES CLEARLY SHOWING THE SITUATION AND THE PROBLEM AT HAND CAN BE REQUIRED.**
> **MOREOVER, SOUCY INTERNATIONAL INC. RETAINS THE RIGHT TO DEMAND THAT ANY DEFECTIVE PART BE RETURNED.**

6. Any repair done by an authorized agent of Soucy Track will be subject to a reimbursement of labour cost under the following conditions:
   a. Labour time allowed for repairs will be based on a time formula established by Soucy International inc.;
   b. Labour time will be reimbursed at the current hourly rate of the authorized agent of Soucy Track and subject to the approval of Soucy International;
   c. Cost of part(s) will be reimbursed at the distributor or dealer price plus 15% in order to cover shipping and handling charges;
   d. No additional shipping cost, other than those mentioned in Article 6(c), will be reimbursed for shipping of part(s).

RESOURCES

When one or more parts have defects that are covered by the warranty, please contact Customer Service at Soucy International Inc. to get any assistance you may require in order for your claim to be processed properly.

Soucy International inc.
5450 Saint-Roch Street
Drummondville (Québec) J2B 6W3
CANADA

Phone: 819 474-6666 postes: 2294 ou 2320
Fax : 819 474-9423
Courriel : **service.soucy-track@soucy-group.com**

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SECTION 11 REPLACEMENT PROGRAM FOR RUBBER TRACKS

11.1 AGRICULTURAL TRACK

- Rubber tracks from Soucy International Inc. benefit from a prorated replacement warranty program.
- Soucy Track product lines used for agricultural and winter-trail grooming purposes: prorated replacement coverage of up to twenty-four (24) months or two thousand (2,000) hours of operation, whichever comes first, and commencing on the commissioning date.

ALL SOUCY TRACK PRODUCT LINES				
Agricultural and winter-trail grooming uses: 24 months/2,000 hours, whichever comes first				
Period of operation, whichever comes first	**0 to 1000 hours**	**1001 to 1500 hours**	**1501 to 2000 hours**	**> 2000 hours**
0 to 12 months	**0%**	**40%**	**70%**	**100%**
13 to 24 months	**40%**	**60%**	**80%**	**100%**
% Prorata % paid by the client based on the suggested retail price				

11.2 ELIGIBILITY

1. To be eligible to the prorated warranty program:
   a. You must have completed the "Analysis Report of Rubber Track Breakage" and submitted it to Customer Service in order for your claim to be analyzed and considered for approval. It must be submitted with pictures clearly showing the breakage or defect in question.
   b. The tread must still have a minimum thickness of 25 mm (1").
2. Soucy International Inc. retains the right to refuse any claim deemed incomplete.

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SECTION 12 APPENDIX

APPENDIX A: STANDARD TORQUE TABLE

Table 12.1 STANDARD TORQUE TABLE

Bolt Ø (mm)	**6**		**8**		**10**		**12**		**14**	
Thread	Coarse	Fine	Coarse	Fine	Coarse	Fine	Coarse	Fine	Coarse	Fine
Ptich (mm)	1,00	0,75	1,25	1,00	1,50	1,00	1,75	1,25	2,00	1,50
Class	**Tightening Torque Nm**									
8,8	9,3	10	22	24	45	50	78	85	124	134
10,9	14	15	33	35	65	73	114	125	182	197
12,9	16	17	39	41	77	85	133	146	213	230
Bolt Ø (mm)	**16**		**18**		**20**		**22**		**24**	
Thread	Coarse	Fine	Coarse	Fine	Coarse	Fine	Coarse	Fine	Coarse	Fine
Pitch (mm)	2,00	1,50	2,50	1,50	2,50	1,50	2,50	1,50	3,00	1,50
Class	**Tightening Torque Nm**									
8,8	193	206	266	299	376	417	513	563	650	739
10,9	283	302	391	439	552	613	753	827	954	1085
12,9	331	353	457	514	646	717	881	967	1117	1270

Bolt Ø (mm)	**6**		**8**		**10**		**12**		**14**	
Thread	Coarse	Fine	Coarse	Fine	Coarse	Fine	Coarse	Fine	Coarse	Fine
Ptich (mm)	1,00	0,75	1,25	1,00	1,50	1,00	1,75	1,25	2,00	1,50
Class	**Tightening Torque (ft-lb)**									
8,8	6,8	7,5	17	18	33	37	57	63	92	99
10,9	10	11	24	26	48	54	84	92	134	145
12,9	12	13	29	31	56	63	98	108	157	170
Bolt Ø (mm)	**16**		**18**		**20**		**22**		**24**	
Thread	Coarse	Fine	Coarse	Fine	Coarse	Fine	Coarse	Fine	Coarse	Fine
Ptich (mm)	2,00	1,50	2,50	1,50	2,50	1,50	2,50	1,50	3,00	1,50
Class	Tightening Torque (ft-lb)									
8,8	142	152	196	220	277	308	378	415	479	545
10,9	209	223	288	324	407	452	555	610	704	801
12,9	244	261	337	379	447	529	650	713	824	937

Table 12.2 COUNTERSUNK BOLTS

Bolt Ø (mm)	**12**	**14**	**16**	**18**	**20**
Class	**Tightening Torque Nm**				
10,9	81	108	154	213	301
Bolt Ø (mm)	**12**	**14**	**16**	**18**	**20**
Class	**Tightening Torque (ft-lb)**				
10,9	60	80	114	157	222

NOTE

- Applicable to new lubricated, new unlubricated and used lubricated bolts.
- Torque indicated on drawing is always prevaliing. Torque Tolerance ± 5%

APPENDIX B: EC DECLARATION OF CONFORMITY – MACHINES DIRECTIVE

EC DECLARATION OF CONFORMITY – MACHINERY DIRECTIVE

Directive 2006/42/EC, Appendix 2, Part A

***Manufacturer*:**
Soucy International Inc.
5450 rue St-Roch
Drummondville (Quebec) J2B 6W3
CANADA

Declaration:

Soucy International Inc. hereby certifies that its agricultural track systems models

- **ST-012**
- **S-TECH 012P**
- **ST-032**
- **ST-300**
- **ST-400**
- **ST-500 / ST-512**
- **ST-600, ST-600+, ST-600WT**
- **S-TECH 612 / 614 / 616**
- **ST-700**
- **S-TECH 800**
- **S-TECH 900**
- **ST-1000 / ST-1000S / ST-1000SE**

fulfil all the relevant provisions of the Machinery Directive 2006/42/EC as interchangeable equipment.

Signed in Drummondville, November 21th, 2016

Pascal Lafreniere
Project Leader, Agricultural Track Systems.

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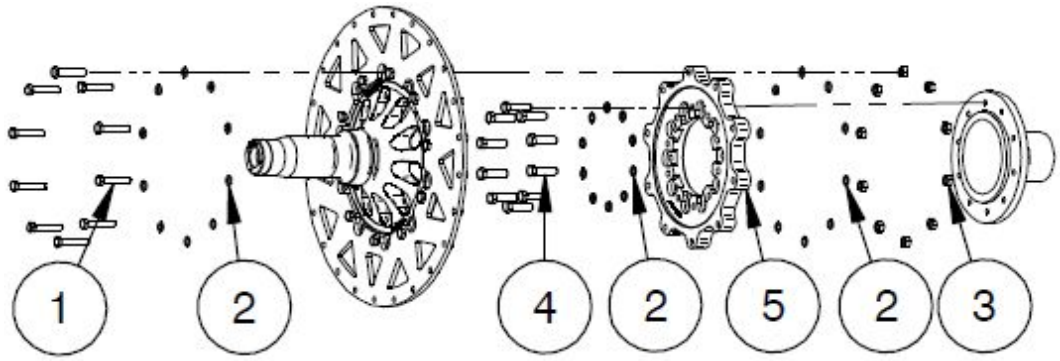
SECTION 13 COMBINE ADAPTOR KIT FOR ST-1000 / ST-1000S / ST-1000SE

NOTICE

TO BE SURE TO SELECT THE APPROPRIATE ADAPTOR KIT, MAKE SURE TO CHOOSE THE RIGHT <COMBINE HUB PARAMETERS> LISTED BELOW

13.1 ADAPTOR KIT # 2751304-1000-511E

Combine hub parameters		
Pilot Ø	**Qty of bolts**	**Type of bolt**
9.5" (241 mm)	10	M20-1.5

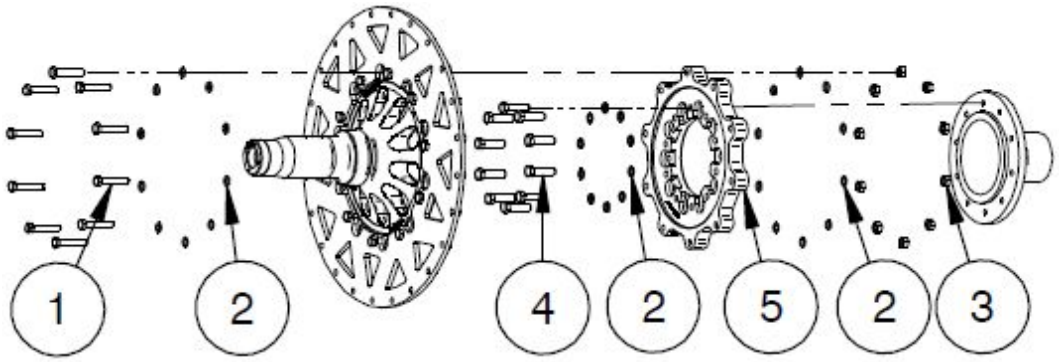


ID.	QTY	# PART	DESCRIPTION
1	20	S1111-20100-0F7	BOLT M20
2	60	S4538-M2000-001	LOCK WASHER M20
3	20	S4111-M200R-097	NUT M20
4	20	S1211-20080-0GA	BOLT M20
5	2	2751304-1000-511	ADAPTOR

Combine compatibility	
Manufacturer	**Model**
JOHN DEERE	9450, 9550, 9650, 9410, 9510, 9610, SERIE 9000-9400-9500-9600-9560-9580-9660
CASE	2388, 2366

13.2 ADAPTOR KIT # 2751304-2000-511E

Combine hub parameters		
Pilot Ø	**Qty of bolts**	**Type of bolt**
11" (279 mm)	10	M20-1.5

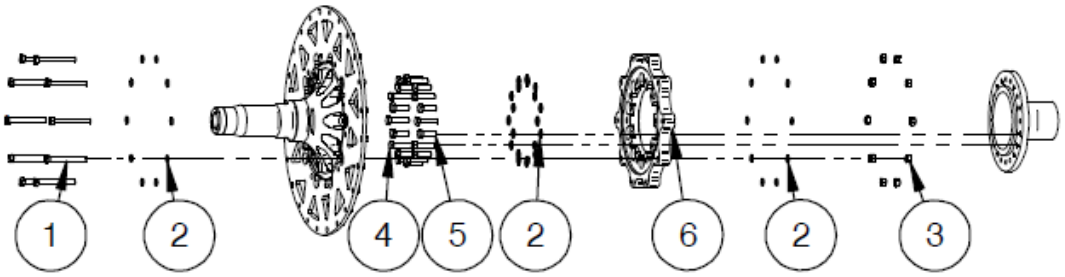


ID.	QTY	# PART	DESCRIPTION
1	20	S1111-20100-0F7	BOLT M20
2	60	S4538-M2000-001	LOCK WASHER M20
3	20	S4111-M200R-097	NUT M20
4	20	S1211-20080-0GA	BOLT M20
5	2	2751304-2000-511	ADAPTOR

Combine compatibility	
Manufacturer	**Model**
JOHN DEERE	T550, T560, T670, C670, CTS, 9610, 9660, 9670, 9680, 9770, 9870, SERIES 60, SERIE 60STS, 9510, 9550, 9560, 9580, 9570, 9650,
CASE	2388 US, 2188
FENDT	5270 CAL

13.3 ADAPTOR KIT # 2751304-7000-511E

Combine hub parameters		
Pilot Ø	**Qty of bolts**	**Type of bolt**
11" (279 mm)	20	M20-1.5

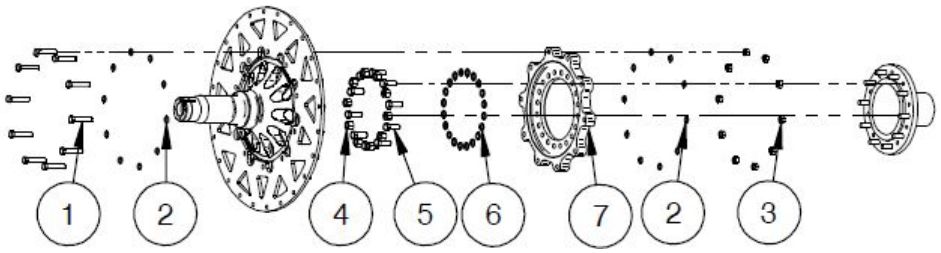


ID.	QTY	# PART	DESCRIPTION
1	20	S1111-20100-0F7	BOLT M20
2	80	S4538-M2000-001	LOCK WASHER M20
3	20	S4111-M200R-097	NUT M20
4	20	S1211-20080-0GA	BOLT M20
5	20	S1231-20060-0GA	BOLT M20
6	2	2751304-2000-511	ADAPTOR

Combine compatibility	
Manufacturer	**Model**
MASSEY FERGUSON	7260. 7270

13.4 ADAPTOR KIT # 2751305-1000-511E

Combine hub parameters			
Pilot Ø	**Qty of bolts**	**Qty of stud**	**Type of bolt / stud**
11" (279 mm)	10	10	M22-1.5

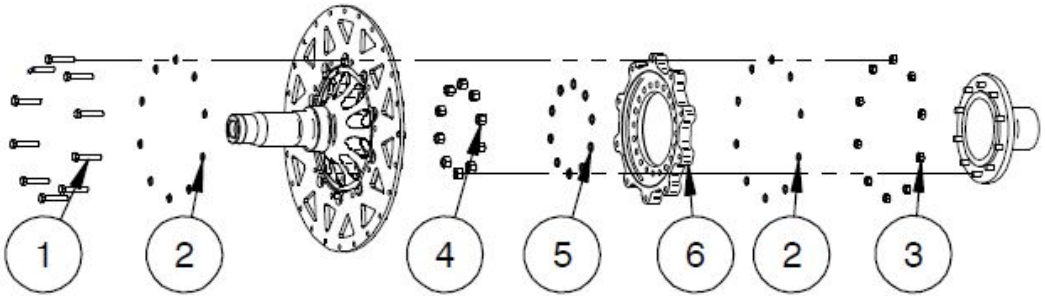


ID.	QTY	# PART	DESCRIPTION
1	20	S1111-20100-0F7	BOLT M20
2	40	S4538-M2000-001	LOCK WASHER M20
3	20	S4111-M200R-097	NUT M20
4	20	S4115-M220N-092	NUT M22
5	20	S1231-22060-0GA	BOULON M22
6	40	S4538-M2200-001	LOCK WASHER M22
7	2	2751305-1000-511	ADAPTOR

Combine compatibility	
Manufacturer	**Model**
CASE	7120, 8120, 9120, 5088, 6088, 7088, 7230
NEW HOLLAND	CX8070, CX8080, CX8090, CR9060, CR9080, CS660

13.5 ADAPTOR KIT # 2751305-3000-511E

Combine hub parameters		
Pilot Ø	**Qty of stud**	**Type of bolt / stud**
11" (279 mm)	10	M22-1.5

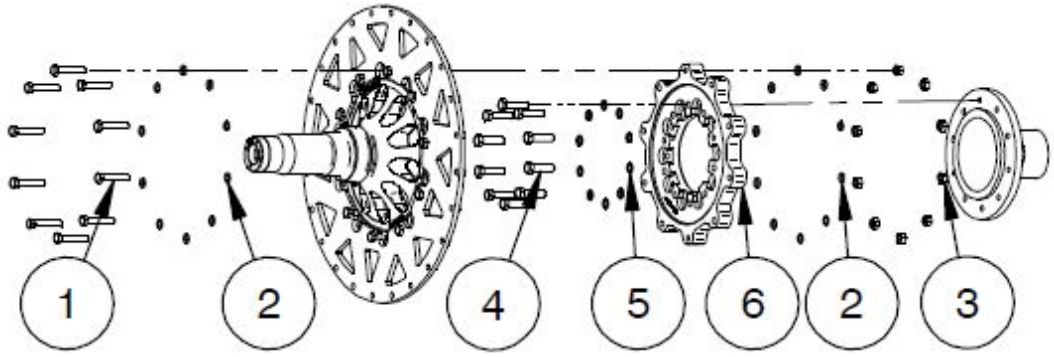


ID.	QTY	# PART	DESCRIPTION
1	20	S1111-20100-0F7	BOLT M20
2	40	S4538-M2000-001	LOCK WASHER M20
3	20	S4111-M200R-097	NUT M20
4	20	S4115-M220N-092	NUT M22
5	20	S4538-M2200-001	LOCK WASHER M22
6	2	2751305-1000-511	ADAPTOR

Combine compatibility	
Manufacturer	**Model**
CASE	7230, 8230, 9230, 7120, 8120, 9120, 7010, 8010
VERSATILE	RT-490
CLAAS	LEXION 580, 770-570R
NEW HOLLAND	CX8070, CX8080, CX8090, CS660

13.6 ADAPTOR KIT # 2751305-4000-511E

Combine hub parameters		
Pilot Ø	**Qty of bolt**	**Type of bolt / stud**
11" (279 mm)	10	M22-1.5

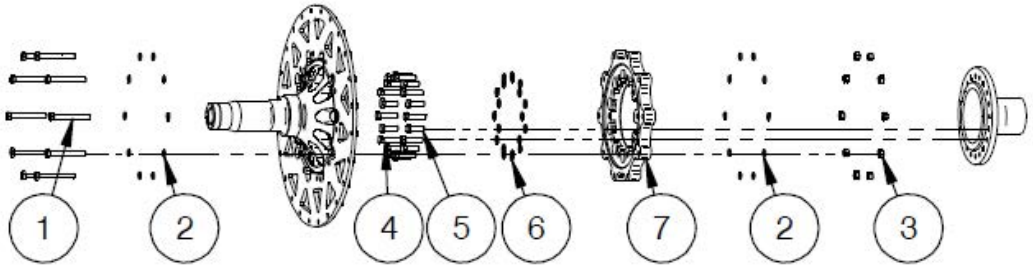


ID.	QTY	# PART	DESCRIPTION
1	20	S1111-20100-0F7	BOLT M20
2	40	S4538-M2000-001	LOCK WASHER M20
3	20	S4111-M200R-097	NUT M20
4	20	S1211-22080-0GA	BOLT M22
5	20	S4538-M2200-001	LOCK WASHER M22
6	2	2751305-2000-511	ADAPTOR

Combine compatibility	
Manufacturer	**Model**
CASE	7230, 8230, 9230, 7120, 8120, 9120, 7010, 8010
CLAAS	480

13.7 ADAPTOR KIT # 2751305-9000-511E

Combine hub parameters		
Pilot Ø	**Qty of bolt**	**Type of bolt / stud**
11" (279 mm)	20	M22-1.5

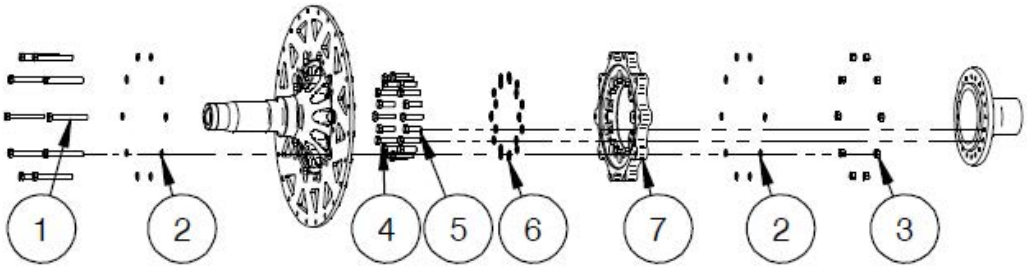


ID.	QTY	# PART	DESCRIPTION
1	20	S1111-20100-0F7	BOLT M20
2	40	S4538-M2000-001	LOCK WASHER M20
3	20	S4111-M200R-097	NUT M20
4	20	S1231-22060-0GA	BOLT M22
5	20	S1211-22080-0GA	BOLT M22
6	40	S4538-M2200-001	LOCK WASHER M22
7	2	2751305-2000-511	ADAPTOR

Combine compatibility	
Manufacturer	**Model**
CASE	5130, 6130, 7130, 7120, 8120, 9120, 5088, 6088, 7088, 2588, 2577, 2799 (Brazil)

13.8 ADAPTOR KIT # 2751306-5000-511E

Combine hub parameters		
Pilot Ø	**Qty of bolt**	**Type of bolt / stud**
9.5" (241 mm)	20	M22-1.5

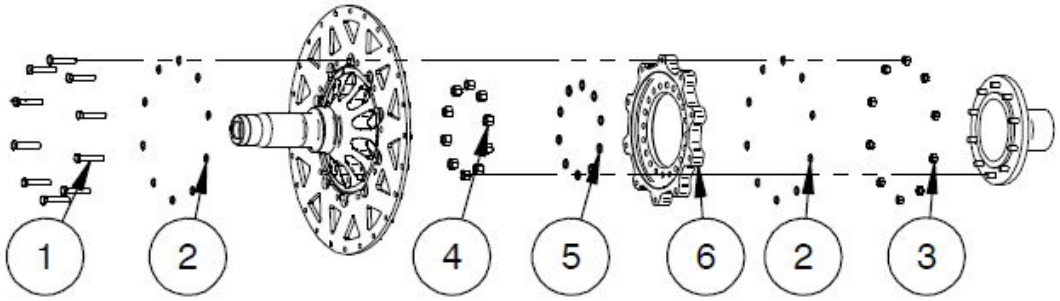


ID.	QTY	# PART	DESCRIPTION
1	20	S1111-20100-0F7	BOLT M20
2	40	S4538-M2000-001	LOCK WASHER M20
3	20	S4111-M200R-097	NUT M20
4	20	S1231-22060-0GA	BOLT M22
5	20	S1211-22080-0GA	BOLT M22
6	40	S4538-M2200-001	LOCK WASHER M22
7	2	2751305-3000-511	ADAPTOR

Combine compatibility	
Manufacturer	**Model**
CASE	2388

13.9 ADAPTOR KIT # 2751308-1000-511E

Combine hub parameters		
Pilot Ø	**Qty of stud**	**Type of bolt / stud**
8.7" (221 mm)	8	M22-1.5

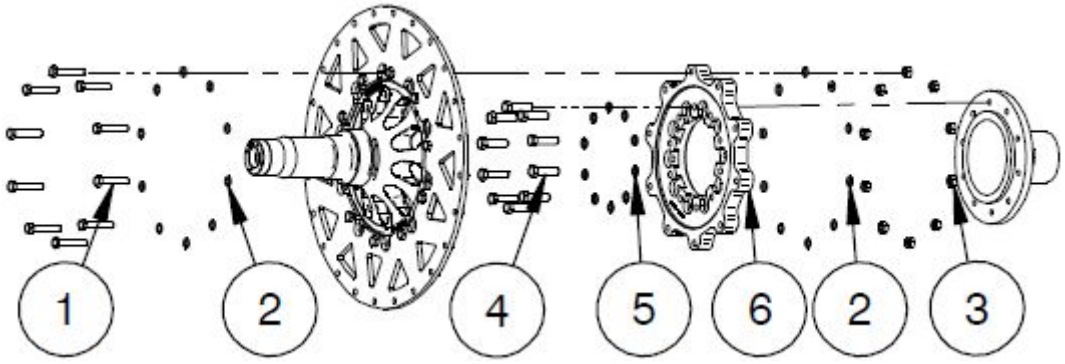


ID.	QTY	# PART	DESCRIPTION
1	20	S1111-20140-0F7	BOLT M20
2	40	S4538-M2000-001	LOCK WASHER M20
3	20	S4111-M200R-097	NUT M20
4	20	S4115-M220N-092	NUT M22
5	20	S4538-M2200-001	LOCK WASHER M22
6	2	2751308-1000-511	ADAPTOR

Combine compatibility	
Manufacturer	**Model**
CLAAS	MEGA, JAGUAR 860, 440

13.10 ADAPTOR KIT # 2751309-1000-511E

Combine hub parameters		
Pilot Ø	**Qty of bolt**	**Type of bolt / stud**
11" (279 mm)	10	M22-2.5

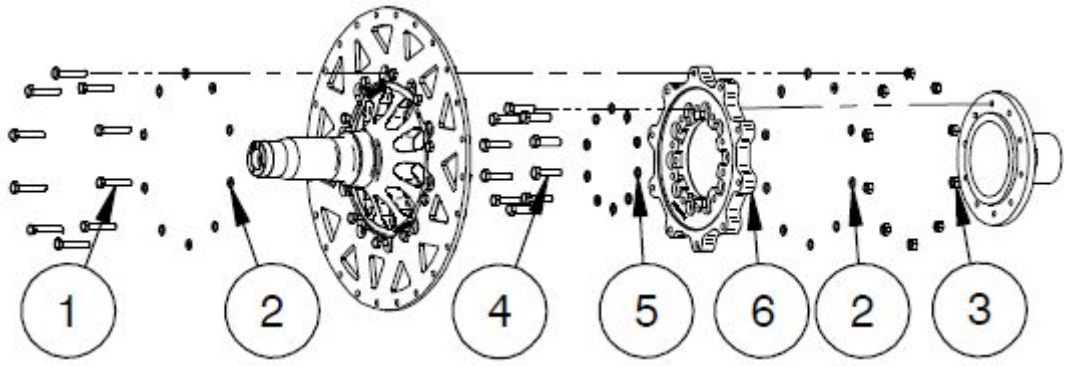


ID.	QTY	# PART	DESCRIPTION
1	20	S1111-20100-0F7	BOLT M20
2	40	S4538-M2000-001	LOCK WASHER M20
3	20	S4111-M200R-097	NUT M20
4	20	S1111-22080-0GA	BOLT M22
5	20	S4538-M2200-001	LOCK WASHER M22
6	2	2751305-2000-511	ADAPTOR

Combine compatibility	
Manufacturer	**Model**
JOHN DEERE	S550, S660, S670, S680, S690, T550, T560, T670, W650, W660

13.11 ADAPTOR KIT # 2751310-1000-511E

Combine hub parameters		
Pilot Ø	**Qty of bolt**	**Type of bolt / stud**
11" (279 mm)	10	7/8 UNC

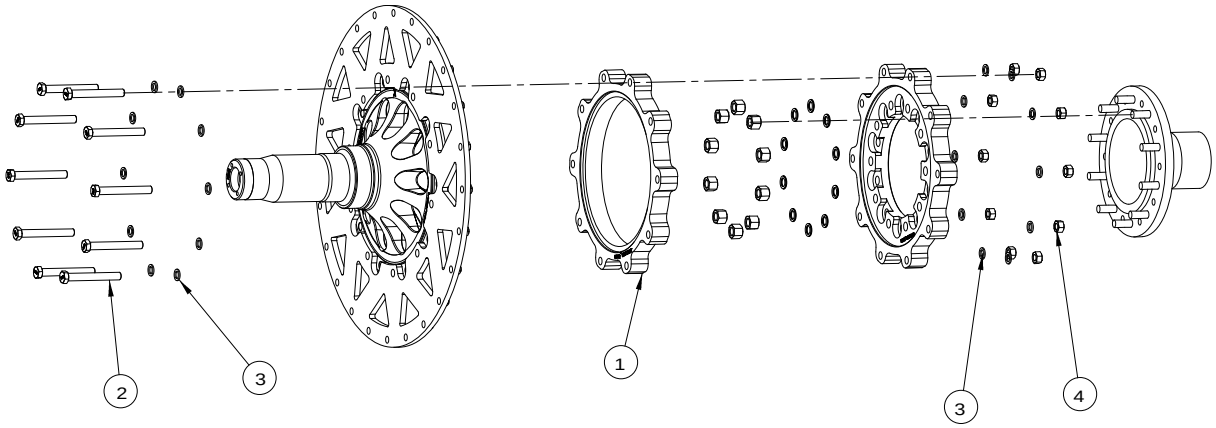


ID.	QTY	# PART	DESCRIPTION
1	20	S1111-20100-0F7	BOLT M20
2	40	S4538-M2000-001	LOCK WASHER M20
3	20	S4111-M200R-097	NUT M20
4	20	S1711-01424-08A	BOLT 7/8 UNC X 3
5	20	S4538-M2200-001	LOCK WASHER M22
6	2	2751305-2000-511	ADAPTOR

Combine compatibility	
Manufacturer	**Model**
MASSEY FERGUSON / CHALLENGER	9540, 9560, 8780, 9795, 660, 660B, 680B

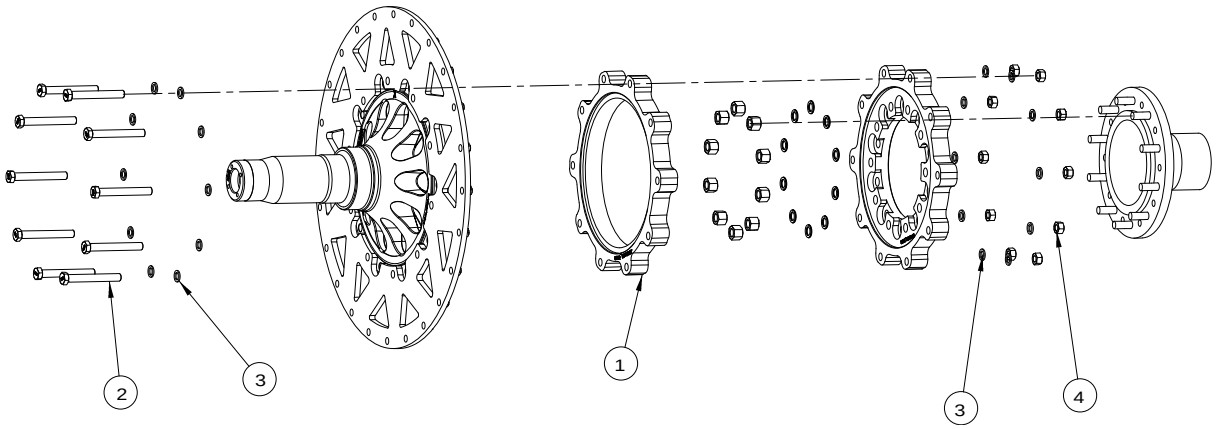
13.12 OPTIONAL SPACER KIT # 2751303–2000–511E and 2751303–4000–511E

Figure 13.1 OPTIONAL SPACER KIT 25 mm (1 in.) # 2751303–2000–511E



ID.	QTY	# PART	DESCRIPTION
1	2	2751303-2000–511	SPACER 25 mm (1 in.)
2	20	S1111-20140-0F7	BOLT M20
3	40	S4538-M2000-001	LOCK WASHER M20
4	20	S4111-M200R-097	NUT M20

Figure 13.2 OPTIONAL SPACER KIT 50 mm (2 in.) # 2751303–4000–511E



ID.	QTY	# PART	DESCRIPTION
1	2	2751303-4000–511	SPACER 50 mm (2 in.)
2	20	S1111-20160-0F7	BOLT M20
3	40	S4538-M2000-001	LOCK WASHER M20
4	20	S4111-M200R-097	NUT M20

In order to prevent any transcription and/or transmission error during registration process, We recommend using the electronic copy of this form available on the Soucy Track Data Center at: http://datacenter.soucy-track.com.
Note that you must be a Soucy Track dealer to apply for a free access to this Web site

TRACK SYSTEM REGISTRATION FORM

Fill out the following fields and return to Soucy Track Technical Service Department at service.soucy-track@soucy-group.com or by fax at: 819-477-9423

PURCHASING INFORMATION

DEALER NAME: _____
CONTACT PERSON: _____
CLIENT NAME & ADDRESS: _____
_____

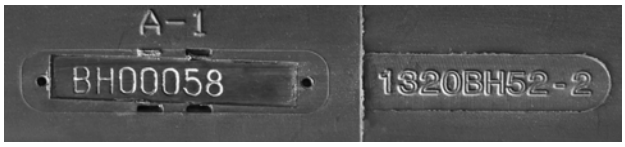
VEHICLE BRAND: **MODEL:**
HOURS OF USAGE: _____ **hr at time of instalation** **MODEL YEAR:** _____

SOUCY TRACK SYSTEM MODEL: _____
TRACK PURCHASING DATE: _____
INVOICE NUMBER: _____

WERE THE OPERATOR MANUAL AND WARRANTY POLICY SUPPLIED AND EXPLAINED TO CLIENT?

☐ YES ☐ NO

TRACK SYSTEM IDENTIFICATION



SERIAL NUMBER PART NUMBER



RUBBER TRACKS IDENTIFICATIONS

FRONT TRACKS P/N: _____
FRONT LH S/N: _____
FRONT RH S/N: _____

REAR TRACK P/N: _____
REAR LH S/N: _____
REAR RH S/N: _____

TRACK FRAMES IDENTIFICATIONS

FRONT FRAMES P/N: _____
FRONT LH S/N: _____
FRONT RH S/N: _____

REAR FRAMES P/N: _____
REAR LH S/N: _____
REAR RH S/N: _____

PRIMARY USE OF TRACK SYSTEM

TYPE OF USE

SNOW GROOMING: **SPECIFY:** _____

AGRICULTURE - Primary use: **SPECIFY:** _____

AGRICULTURE - Secondary use: **SPECIFY:** _____

COMMERCIAL UTILITY: Please specify **SPECIFY:** _____

IS EQUIPMENT USED FOR CUSTOM WORK: ☐ YES ☐ NO

TYPE(S) OF CROP

☐ RICE ☐ SOYBEAN ☐ CORN ☐ OTHER
☐ CEREALS ☐ SUGAR CANE **SPECIFY:** _____
☐ CRANBERRY ☐ VEGETABLES