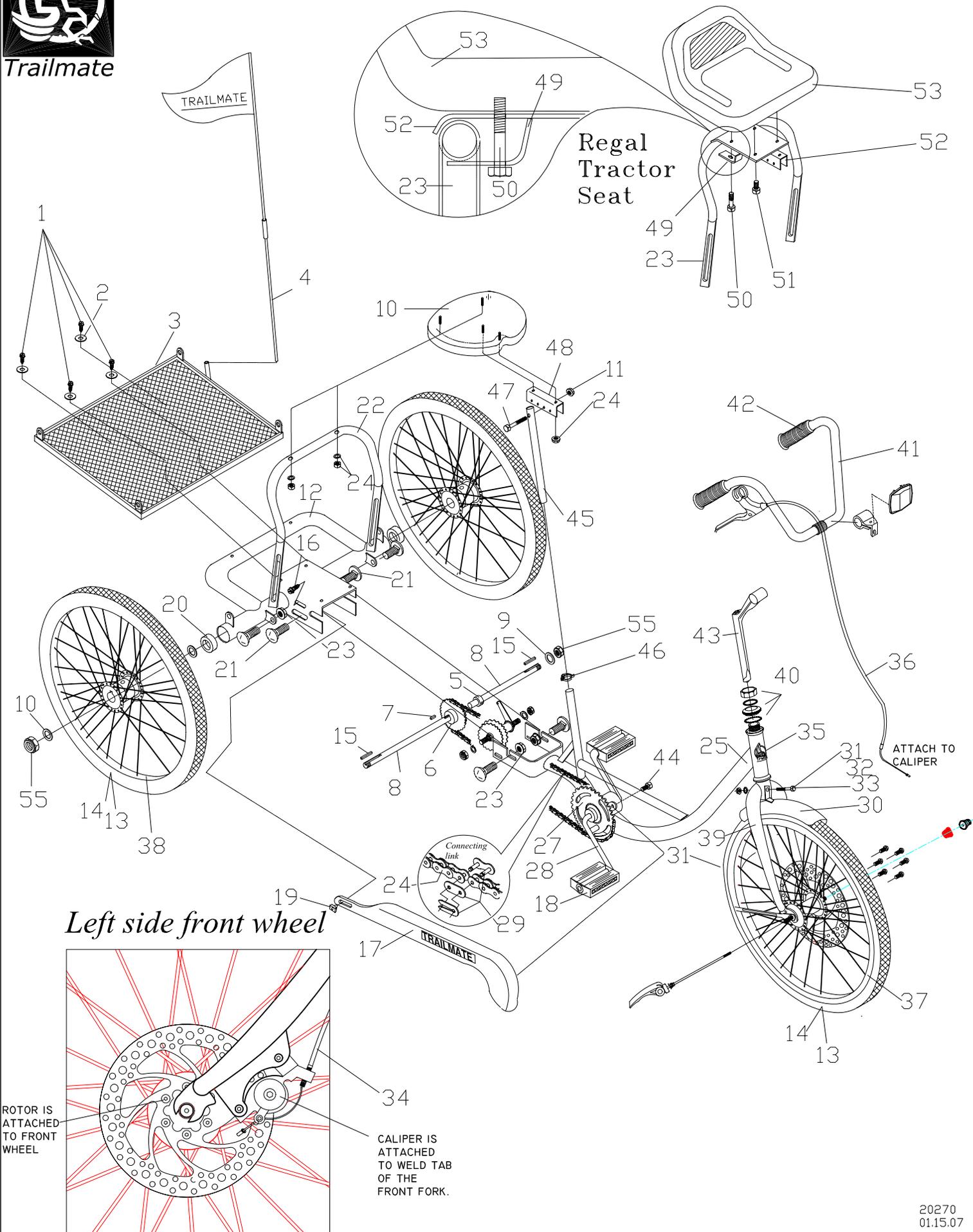




DESOTO/WORKER ILLUSTRATED PARTS BREAKDOWN

Trailmate



DESOTO WORKER PART LIST

ITEM	PART#	DECRPTION	QTY	ITEM	PART#	DECRPTION	QTY
1	12199	SCREW #14 x 3/4	4	38	20268	WHL 24"x2.125 IND 5"HUB DRIVE	2
2	11171	WASHER, 1-1/2" X 5/16	4	39	30002	FORK 24" W/ DISCBRAKE MOUNT	1
3	20080	PLATFORM REAR WELDMENT BLK.	1	40	11831	HEAD SET COMPLETE	1
4	12102	FLAG SAFTY W/ POLE	1	41	11805	HANDLEBAR HI RISE	1
5	12241	SET COLLAR 5/8"	2	42	11801	GRIP BLACK 7/8	2
6	11952	SOLID SPROCKET 22T	1	43	11813	STEM, HANDLEBAR WARD #14	1
7	12246	3/16 SQUARE KEY X 5/8	1	44	12188	SCREW 10x3/8 TYPE B SHH	1
8	20231	AXLE DRIVE W/ 2 KEYWAYS	2	45	20214	SEAT POST STL 12"x 1" OD	1
9	12240	WASHER SPACER	8	46	20213	SEAT POST CLAMP 1-1/8" STL CP	1
10	11894	SEAT WESTERN SADDLE	1	47	12212	SCREW 5/16-18x 1-1/2 HHCS	1
11	12175	NUT 5/16-18 FLANGED	6	48	11898	BRACKET, WESTERN SADDLE	1
12	14272	FRAME REAR ST COLOR	1	49	12066	BRACKET "L"(TRACTOR SEAT OPTION)	2
13	19590	TIRE 24"x2.125BSW W/TUBE	3	50	12214	SCREW 5/16-18x1-3/4 HHCS	2
14	11985	RIMSTRIP 24"x1.75"	3	51	12208	SCREW 5/16-18x 3/4	2
15	20269	KEY SQUARE 3/16 X 2-1/4	2	52	12068	BRKT SEAT MTG. (TRAC.SEAT OPTION)	1
16	18714	SCREW 8x1/2PAN PHILLIP	1	53	11900	TRACTOR SEAT (OPTION)	1
17	11708	CHAINGUARD ST COLOR	1	54	18867	FORK WHEEL RETAINER	2
18	11857	PEDALS, 1/2" (PAIR) 80I	1PR	55	19720	NUT 5/8-18 NYLON INSERT	2
19	13198	SCREW GROMMETS	1	56	14089	DECAL, "AVOID SHARP TURNS"	1
20	11643	BEARING SP	4	57	19153	NUT, AXLE CB SHIMANO	2
21	12218	CARRIAGE BOLTS 3/8-16x3/4	6	58	19325	DECAL, "DO NOT STAND ON CYCLE"	1
22	12075	SISSY BAR DESOTO ST COLOR	1	59	11861	REFLECTOR CLEAR	1
23	12178	NUT 3/8-16 FLANGED	6	60	11865	REFLECTOR BRACKET	1
24	18643	CHAIN 93 PITCH DESOTO	1	61	12918	CHAIN /CL DES 109 P FW	1
25	20253	FRAME DESOTO WORKER FRONT	1	62	12069	BASKET HOLD DOWN	4
26	11697	CRANK BEARING SET, COMPLETE	1	63	12301	WASHER 3/8 FLAT SAE	1
27	11934	SPROCKET 36T 1/2x1/8	1	64	20126	SNAP RING / RRI40062	2
28	11695	CRANK 5-1/2" #2232	1	65	11071	SET SCREW, 5/16-18 x 3/4 SQ. HD.	2
29	11679	CONNECTING LINK	1	66	11667	HUB CB TRIKE SHIMANO W 20 SPROCKET	1
30	20265	FENDERS 9" FRT MWT W/L BRKT 90	1	67	11719	DECAL, TM CHAINGUARD	1
31	12172	NUT 1/4-20 FLANGED	1	68	11720	DECAL, DESOTO CLASSIC TUBE	1
32	12227	SCREW 1/4-20 x 1-3/4" HHCS	1	69	11729	DECAL, SEAT TUBE	1
33	12232	WASHER 1/4 SAE	1	70	18909	SPROCKET, 21T S/A 1/2 x 1/8 3SP CB	1
34	12235	WASHER 5/16 S.A.E.	2	71	12229	WASHER #10 FLAT	1
35	11718	DECAL TM HEAD	1	72	12238	WASHER 3/8 USS	3
36	30000	DISC BRAKE LEVER W/CABLE	1				
37	30001	WHEEL 24"x1.75 FRONT W/HWR.	1				

DESOTO / WORKER
ASSEMBLY INSTRUCTION

Remove all parts from the frame and wheel cartons.
Check air pressure and inflate tires to 35 psi. Make sure tires are properly seated on rims.

1. Frame Assembly

Slide front frame (25) into rear frame (12) with transmission box open side down, as far as possible. Install four 3/8" carriage bolts (21) through the slots in the sides of the transmission box from the outside inward. Be sure the square shoulders of the bolts seat into each slot. Install flange nuts (23); **do not tighten at this time.**

2. Front Fender and Wheel

Attach front fender(30) to fork (39) thru "I" bracket using bolt(32), washer (33), and nut (31)Install front wheel (37) in the slots in the fork. Install washer & nut on other side. Hand tighten at this time. Install Brake Caliper using Lock Washer & Screw. Attach lower end of Cable (36) to Caliper (61).

Check that the wheel is centered between the fork blades and close the axle locking lever.

3. Pedals

To install pedals (18), screw the pedal marked "R" into the right side of the crank in a clockwise direction. Install the left pedal (marked "L") by turning in a counter-clockwise direction. Use a 9/16" open-end wrench to tighten.

4. Chain

Install drive chain (24) over front and rear sprockets and join together with connecting link (29). Install connecting link, and spring clip, using pliers. Slide the frame section apart, evenly, until the chain is tight (approximately 3/4" total up and down chain movement at middle is permissible) and securely tighten all four rear frame bolts. Rotate the pedal several times to check that the chain is running freely.

-KEEP FINGERS CLEAR!

If binding is encountered, the chain may have to be loosened until the binding is eliminated. Chain

binding is usually the result of a sprocket misalignment. Repositioning the sprocket on the rear axle, or re-squaring the trike rear to the front frame section can correct this.

5. Chain Guard

To install chain guard (17), place over chain and slide rear of guard under top of transmission box. When the plastic screw grommet (19) on the rear of the guard is lined up with the slotted hole in the side of transmission box, secure with screw (16). Before tightening it is necessary to line up the holes in the front mounting bracket. Remove and reinstall screw (44) and tighten. Tighten the rear screw. Turn the pedals to make sure the chain does not rub on the chain guard. If the chain rubs, adjust the back or front mounting bracket to obtain clearance.

6. Western Saddle Seat

To install western saddle seat (10), secure sissy bar (22) to the two 5/16" studs on the underside of the seat. The sissy bar should be installed so the top curves to the rear of the trike. Remove the seat-mounting bracket (48) (it is loosely installed on the seat post) and install on the two remaining studs on the bottom of the seat. You will need to use a 1/2" socket wrench to reach the nut. Secure the seat mounting bracket and seat to the seat post (45) using any of the four sets of holes with the 1-1/2" long screw (47) and nut (11). **NOTE:** The four sets of holes in the seat-mounting bracket will determine the distance from the handlebar. You may have to reposition later. Attach the sissy bar long slotted holes to the two tabs welded to the axle housing. Install carriage bolts (21) and attach nuts (23). **DO NOT** tighten at this time.

Seat Adjustment

Install seat post clamp(46) to the frame seat mast. Install the seat post (45) with seat (10) attached and raise seat to desired height. **DO NOT** expose more than 6-1/2" of seat post. Pull up on back of seat until level. Tighten seat post clamp and sissy bar bolts securely. **NOTE:** The four sets of holes in the seat-mounting bracket allow 3-1/4" front/back adjustment to the handlebar. Reposition height & front back setting for rider's maximum comfort.

7. Handlebar

Slide the handlebar (41) through the clamp on the stem (43) with the portion containing the long bolt to the rear of handlebar. Install clear reflector. Install the stem into the fork (39) until the line marked on the stem is not visible. Align handlebar to the fork as it faces straight ahead and tighten bolt in stem firmly.

DO NOT over tighten; this can damage the fork tube.

CAUTION: Check that head set (40) is tight.

DO NOT over tighten, however, as this can damage the fork bearings. Fork assembly should rotate freely.

Slide handbrake lever onto right side of handlebar and tighten lightly. Slide hand grips (42) on handlebar until they bottom out. A small amount of soapy water inside the grip will make installation much easier. **NEVER** use oil or other lubricants! Slide handbrake lever against grip, adjust position and secure tightly.

8. Platform

Place platform (3) onto rear frame, center between the rear wheels and immediately behind the sissy bar.

Using sheet metal screws (1) and washers (2), secure the basket to the two holes in the rear frame crossover tube and two rear holes in the top of the transmission box. Tighten screws with a 3/8" socket wrench.

9.

Place the **Safety Flag** (4) in flag holder on the platform frame.

10. Final Check

Review the instructions, check connecting bolts and screws for tightness, and readjust the seat and handlebar as necessary.

REGULAR MAINTENANCE: Bi-Monthly

1. Keep all painted parts cleaned and waxed for a long-lasting luster.
 2. Spray all chrome parts with recommended protective spray coating (LPS-1, WD-40, etc.).
When spraying with protective coatings, it is recommended that you let parts set overnight so the coating will penetrate.
 3. Lubricate the following:
 - a. Pivot points at top and bottom of seat
 - b. Axle shafts
 - c. Inside bearings of both pedals
 - d. Chain – turn pedal crank forward and spray freely
 4. When storing over prolonged periods, turn upside down to prevent flat spots from occurring on the tires. If stored outside, cover to protect finish and moving parts.
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PREVENTATIVE MAINTENANCE: Every Six Months

These are services that should be performed by your local bicycle shop. A fee may be charged.

1. Check tires for wear, rim cuts, and valve core alignment (usually caused by improper air pressure).
 2. Check wheels for cracks and alignment.
 3. Check brakes for proper operation.
 4. Clean and repack all bearings and adjust all cones.
 5. Check for worn bearings, cones, and cups.
 6. Check chain for adjustment and clean as needed.
 7. Check for loose bolts and nuts.
-

INSPECTION

Check the following, as it applies to your cycle, on a regular basis:

1. Coaster brake – Make sure the brake engages, by pedaling backwards.
 2. Wheels – Check wheels for alignment.
 3. Pedals – Inspect pedal bearings and make sure pedal is tightly attached to crank.
 4. Handle grips – Replace worn or loose grips.
 5. Chain – Check for proper tightness. Replace damaged chain immediately.
 6. Seat – Adjust seat for rider comfort and safety.
 7. Tires – Keep tires inflated to the recommended tire pressure, as indicated on the tire's sidewall.
 8. Chainguard – Replace damaged or missing chainguard immediately.
 9. Frame – Replace damaged frame immediately.
-



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Visit us @ www.trailmate.com

**For service or to order
replacement parts
please contact your
local Trailmate dealer.**

DESOTO-WORKER

This is a recreational unit, not designed for excessive speeds or misuse.

Do not brake or turn at high speeds. This may cause cycle to roll over. Careless operation may cause rider to lose control and result in **serious injury**.

Things to know before riding your cycle:

1. Know your local bicycle laws and wear a helmet.
2. Do not exceed the recommended weight limit of 400 lbs.
3. No more than one rider at one time.
4. Do not stand on unit.
5. Be sure to install safety flags.
6. Wear light-colored clothing and protective gear.
7. Do not ride at night.
8. Children must be supervised by an adult at all times.

Trailmate Limited Warranty

Trailmate, Inc., guarantees each cycle product against all defects in materials and workmanship for a period of 90 days from date of purchase. Tires and tubes are not covered by this guarantee.

During this period, any part that is judged by the makers to be defective will be replaced free of charge. Any failure resulting from accident, abuse, neglect, normal wear, or improper assembly or maintenance by the owner is not covered.

Trailmate, Inc., further authorizes a lifetime frame guarantee and will replace any frame, at no cost to the buyer, providing that item has not been used for rental use and that:

- 1) The item has not been altered, repaired, or modified in any way.
- 2) The item has not been subject to misuse, negligence, and/or an accident.
- 3) Original ownership is established.

Any parts under this guarantee on which claims are entered shall be returned for inspection with transportation charges prepaid by the claimant. Replacement parts will be shipped F.O.B. factory.

There are no warranties or guarantee, expressed or implied, written or oral, which extend beyond the description on the face hereof.