

WORKSMAN SIDE BY SIDE TEAM DUAL TRIKE INSTRUCTIONS AND PARTS LIST

Worksman Trading Corp - 94-15 100th Street - Ozone Park, NY 11416 - (888) 3-WHEELER or 718 322 2000 – www.worksman.com
Parts list SBST-05



SBST Series

Worksman Side by Side Team Dual Trike

Congratulations! You have purchased an American Made Worksman Team Dual Tricycle™. This is one of the most unique adult tricycles in the world. It combines comfort with durability, a true unique combination. We utilize the components and technology used on our world famous Worksman Industrial Cycles to insure your satisfaction.

Before assembly and riding, make certain to read this manual and any other literature provided thoroughly. Always follow the rules of safe riding. Always keep your Worksman Tricycle in tip-top shape by replacing

worn parts as needed with Genuine Worksman Cycles Parts. (Do not use generic bicycle parts.) With simple maintenance, your Worksman Tricycle will perform reliably day after day, year after year, decade after decade.

Your Team Dual Tricycle has been hand-made in the USA by our American craftspeople. Our reputation rides along with you, so your ultimate satisfaction is our goal.

Worksman SBST Parts List SBST-05

Frame, Fork and Related Parts

| <u>Part #</u> | <u>Description</u> | <u>Part #</u> | <u>Description</u> |
|---------------|-----------------------------------|---------------|------------------------------------|
| 72SBCB | Frame Only- Specify color | | |
| 5020HD | Fork-Color Black | 5020HD-SP | Fork (other color- please specify) |
| 48 | Head Set Cups (pair) | 49 | Headset Bearings (pair) |
| 50A | Headset Complete (48,49,52,53,54) | 51 | Bottom Cone (presses on Fork) |
| 52 | Top Adjusting Cone (threaded) | 53 | Key Washer |
| 54 | Fork Top Lock nut | 55SBS | Tiller Handlebar |
| 55U | Stem for Handlebar | 55Y | Foam Handlebar Grips (set) |
| 3928S | Basket frame support | 60STR | Drum Brake Fork Strap |

Front Drum Brake and Related Parts

(See wheel section for complete front drum brake wheels.)

| <u>Part #</u> | <u>Description</u> | <u>Part #</u> | <u>Description</u> |
|---------------|--|---------------|---|
| L900 | Drum Brake-Hub Only | L709 | Front Axle Set for Drum Brake |
| L752R | Brake Lever w/ Parking Lock | F817 | Bearings-Loose 11 balls |
| F719-SBST | Front Drum Brake Cable and Casing (55") (Includes Adjusting Barrel and Anchor Bolt) | L725 | Drum Brake Plate Kit (Internal parts kit -Shoes, Plate, Lever and Cam) |
| F769 | Anchor Bolt Assembly for F719-SBST Cable | F770 | Adjusting Barrel for F719-SBST Cable |

Rear Axle and Related Parts

| <u>Part #</u> | <u>Description</u> | <u>Part #</u> | <u>Description</u> |
|---------------|--|---------------|---|
| 64M | Woodruff Key | 59M | Locknut (Drive Side) |
| 58SBS | Rear Axle (left or right are same) | 69 | Fixed Drive Sprocket |
| 63B | Key (Fits in axle slot between sprocket & axle.) | 63C | Set screw for 69 |
| M13975 | Side Bearing with Plate (each) | 301M | Coaster Brake w/ Dual Sprockets |
| 404SBST | 3 Speed Coaster Brake w/dual Sprockets | SS721 | Coaster Brake Internal Parts Kit (301M) |
| SS13-1 | 3 Speed Cable and Trigger for 404SBST | | |



Crank and Crank Parts (Pedal Section) and Chains

| <u>Part #</u> | <u>Description</u> | <u>Part #</u> | <u>Description</u> |
|---------------|--|---------------|---------------------------------------|
| 1265 | Crank Parts (1266,1268,1269,1271,1272,1273,1274) | 1265BMXS | Deluxe Sealed Crank Set (Upgrade) |
| 1266 | Crank Bearings (pair) | 1267F | Complete Crank Set with 32 T Sprocket |
| 1267H | Complete Crank Set w/ 28 T Sprocket | 7217 | Pedal Set (Pair) |
| 1268 | Cups for crank housing (pair) | 1269 | Stationary washer (inside) |
| 1271 | Key Washer- Outside | 1271 | Key Washer- Outside |
| 1272 | Adjusting Cone (threaded)-Outside | 1273 | Stationary Cone- Inside |
| 1274 | Crank Locknut | 1275 | Crank-forged- 6.5" |
| 1380F* | Sprocket 32Tooth | 1380H* | Sprocket 28 Tooth |
| 4910A | Chainguard | 4914A | Chain Connecting Link (1/2x3/16") |
| 4914SBST | Long Chain (163 links, 28T) | 4914SB | Long Chain (165 links, 32T) |
| 4914ST | Short Chain (39 links) | 4915 | Chain Adjuster (for Coaster Brake) |

* Note- The SBST comes standard with a 32T front sprocket. The SBST3-3CB comes standard with a 28T front sprocket. The 1265BMXS is a heavier duty upgrade for crank parts.

Seat, Fenders, Baskets and Cabinets

| <u>Part #</u> | <u>Description</u> | <u>Part #</u> | <u>Description</u> |
|-----------------|--|---------------|---|
| 8220 | Front Fender | 4902 | Side Fender (L or R) |
| M13994P | Side Fender Brace (L or R) | 95 | "L" Bracket-attach Front Fender to Fork |
| 4905 | Bolt set for attaching 4902 to top of M13996 | 4907A | Bolt Set to attach 8220 to Fork |
| 4906 | Bolt Set for bottom of M13996 | MSF24 | Complete Side Fender Kit w/ Braces |
| 42 | Rear Basket 18"x13"x6" | 3928S | Rear Basket Frame |
| 3927PAV | Rear Cabinet 22"x15"x8" (optional) | 7912THB | High Back Seat |
| 7912AHB | Swivel Down Armrest Set (optional) | 791C | Canopy Roof Set Complete |
| 5927BB | Basket Strap- to mount to frame | 4909SB | "T" Tightening Bolt for Seat |
| CANOPY-SBST-BLK | Replacement Vinyl for Canopy - Black | | |

NOTE- SBST'S COME WITH A FRONT FENDER AS STANDARD EQUIPMENT. THE SIDE FENDER SET MAY BE ADDED AS AN OPTION BY ORDERING PART # MSF24 SHOWN BELOW. CARRY ADDITIONAL SUPPLIES WITH THE OPTIONAL HEAVY HAULER TRAILER.



Optional Heavy Hauler Trailer with Optional Basket



Optional Rear Fender Kit

Wheels and Tires

| <u>Part #</u> | <u>Description</u> | <u>Part #</u> | <u>Description</u> |
|---------------|---|---------------|---|
| 7720A | Front Wheel 20" w/Drum Brake w/o Tire | 7720 | Front Wheel 20"w/Drum Brake w/Air Tire |
| 7720KVPR | Front Wheel w/ Kevlar Tire, PR Tube | M14038KVPR | Rear Wheel w/ Kevlar Tire, PR Tube |
| M14038A | Rear 24" Wheel (right) w/o Tire | M14038 | Rear 24" Wheel (right) w/ Air Tire |
| 4922E | Tire- 24x2.125 WTC Sup-r-Tire (standard) | 4922 | Tire- 20x2.125 WTC Sup-r-Tire |
| 4922EKV | Tire- 24x2.125 WTC KEVLAR Sup-r-Tire | 4922KV | Tire- 20x2.125 WTC KEVLAR Sup-r-Tire |
| 4922ESW | Tire- 24x2.125 Sup-r-Tire-White Wall | 4299WSW | Tire- 20x2.125 Sup-r-Tire-White Wall |
| 4923E | Tube- 24x2.125 (standard) | 4923 | Tube- 20x2.125 (standard) |
| 6023B | Tube- Puncture Resistant 24x2.125 | 6023 | Tube- Puncture Resistant 20x2.125 |
| 1017B | Rim Strip 24" | 1017A | Rim Strip 20" |
| 1016C | Rim- 24" (no spokes-outer rim only) | 1015 | Rim- 20" (no spokes-outer rim only) |
| 1014C | Spoke for Rear Wheel (11G - 9 9/16") | 1014E | Spoke for Front Wheel (11G - 7 3/16") |
| 3980M | Hub for Rear Wheel | | |

NOTE- WORKSMAN SIDE BY SIDES COME STANDARD WITH WTC SUP-R-TIRES, WHICH ARE OUTSTANDING AND DURABLE. KEVLAR TIRES ARE BELTED AIR TIRES AND THORN RESISTANT TUBES ARE MEANT TO REDUCE THE OCCURRENCE OF FLAT TIRES. SPOKES SOLD IN BAGS OF 100 AND INCLUDE NIPPLES. Part #'s and specifications subject to change without notice as we are constantly seeking ways to improve our products.



Safety and Comfort Accessories

| <u>Part #</u> | <u>Description</u> | <u>Part #</u> | <u>Description</u> |
|---------------|--------------------------------------|---------------|--------------------------------------|
| 3979 | Ding Dong Chime Bell | 303 | Squeeze Bulb Horn |
| 3973 | Mega-Horn- Battery Operated- LOUD | 201 | Cable and Lock (set) |
| 5848 | Bar End Mirror | 5030T | Reflector Set with Mounting Hardware |
| 3961 | Cup Holder – Frame Mounted | 3978 | Safety Flag on Pole |
| 3975 | Generator Light Set | P19 | Bicycle Helmet |
| 101710 | Flashing Strobe Slight (Clear Lens) | 101714 | Flashing Strobe Light (Red Lens) |
| 1006 | Air Pump for Tire Inflation (Manual) | 1000 | Spoke Tightening Tool |
| 2000 | Chain Rivet Remover Tool | 1265TW | Crank Cone Wrench |
| 1001 | Pedal Wrench | TRAILER | Heavy Hauler Trailer |
| 791C | Canopy Roof Set | 7217-41038 | Weighted Platform Pedals with Straps |
| 7217-41197 | Pedals with Velcro Straps | SEATBELT | Seat Belt – Lap Type |
| ENG- | Electric Drive System* (inquire) | PSCUP | Cup Holder Deluxe - Armrest Mounted |

* Electric Drive Systems are subject to state and local approvals. The Purchaser assumes responsibility for meeting ordinances. Subject to availability.



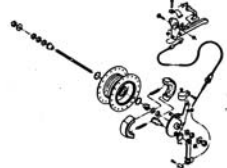
Worksman Stretched Mover



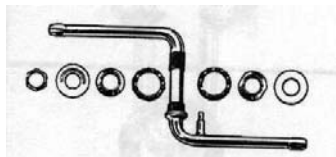
Worksman Personal Activity Vehicle



Eagle Lite Trike



Exploded view of L900



1265 Crank Parts Set with 1275 Crank



M13975 Axle Bearing w/Plate

ASSEMBLY INSTRUCTIONS FOR THE WORKSMAN SIDE BY SIDE TEAM DUAL TRICYCLE:

Your Worksman Tricycle has been hand made by American craftspeople at our Ozone Park, New York City factory. We take great pride in each and every Worksman Cycle that we manufacture and appreciate your support. Please read this manual carefully prior to performing the simple finishing adjustments and prior to riding. Keep these instructions, as our parts list is contained within this document which you will need for future reference. Carefully remove the tricycle from the carton. You will notice the tricycle is pre-assembled at the factory. Some finishing assembly / adjustments required.

ADJUSTING THE HIGH BACK CAPTAIN'S SEAT:

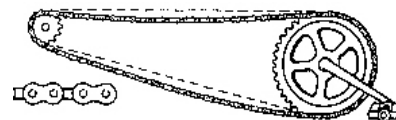
Your SBST Tricycle comes with two thickly padded captain's seat. Simply position the seat on the sliding seat track, insert the large round washer onto the "T" Tightening Bolt, and thread the "T" bolt into the bottom of the seat. Slide the seat to a comfortable position where leg is ever so slightly bent at the knee when reaching for the pedal in its furthest position. Tighten the bolt so seat is secure and no longer slides across the track. Remember to always check tightness of seat before riding. If you ordered the swivel down armrests, once seated, rotate armrests to down position.

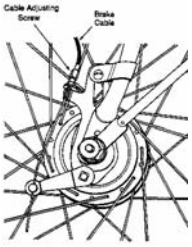
ADJUST HANDLEBAR:

Your Side by Side Team Dual Tricycle comes with a unique steering tiller. This tiller can be positioned for your own riding preference. The stem is not tightened at the factory so you can set it where you desire by simple lifting the tiller to a comfortable position and tightening the stem using a #5 Allen key. Make certain the stem is tight and the tiller remains in place even while exerting downward pressure.

MAINTENANCE TIPS AND NOTES:

- Always inspect your Worksman Cycle to insure that that all nuts, bolts, screws and hardware are tight and that no parts are worn or damaged. Do not attempt to straighten bent forks or frames.
- Lubricate chain every six months or as needed with light oil. Replace sprockets when teeth become worn, bent or broken. Keep chain adjusted so there is no more than 3/8" slack. Note: we make the chains tight at the factory, as we do know they will stretch during the break-in period.
- Lubricate crank parts as needed and replace pedals when the surface is worn or if pedal axle becomes "tight" or frozen.





Drum Brake: Your Worksmen Tricycle is equipped with an automotive type front drum brake. This brake is ideal for slowing your vehicle smoothly and reliably. It is engaged by squeezing the hand lever on the handlebar. To use "Park" feature, when cycle is completely stopped, squeeze hand lever and push in parking plunger button on lever. To disengage, simply squeeze lever until parking plunger button releases.

Drum Brakes are pre-adjusted at the factory. Readjust the cable tension as necessary using the adjusting barrel so that wheel spins freely and stops when brake is applied. Always replace worn brake cables (F719-SBST) and damaged hand levers. Internal parts are available for your Drum Brake (L725 parts kits and L709 axle set).

Coaster Brake: Foot activated coaster brakes are easy to use and reliable. To activate this internal brake, reverse the pedaling motion until the brake engages. To avoid skidding and maintain control, apply care when braking. This is especially true on wet surfaces. Apply brakes gently, gradually increasing pedal back pressure. Replace coaster brakes when they become worn.

Check chain tension regularly. For models that are ordered with 3 Speed coaster brakes, the operation is the same. Simply select the gear you wish to ride in. First gear is for easier starts and low speed riding. As you changed to gear 2 and 3 you will note that pedaling effort increases as does distance traveled with each turn of the crank.

Tires: Always check for worn or damaged tires. The Worksmen Sup-r-tires are heavy duty. We recommend 40PSI as proper level of inflation. Replace tires that are worn or cut immediately. Replace tubes that show leaks.

RULES FOR SAFE RIDING AND RESPONSIBLE OPERATION: *Carefully read this manual before operating the cycle.*

- It is the responsibility of the assembler to properly install all parts included and to inspect the cycle prior to riding to insure proper operation.
- Operator is responsible for required maintenance to keep the cycle in good operation condition
- Observe all traffic regulations in the operating environment (stop signs, etc.) Ride in single file. Make certain route is wide enough for SBST.
- Do not ride outdoors, at night. Have appropriate signaling device as needed. (We recommend the 3973 Mega Horn)
- Give Pedestrians the Right of Way. Always look around you to understand the riding environment and hazards.
- Do not carry passengers other than the two riders seated. Check brakes prior to riding. Both riders must understand vehicle's operation.
- Slow down when approaching turns or intersections. Tricycles are meant for slow pace rides, not for racing.
- Use proper hand signals when turning or stopping. Recommended Safety Options: Approved helmet, audible warning device.
- Never ride the cycle if there are known repairs required. Do not exceed the recommended weight capacity of the cycle (500 pounds)
- Do not stack cargo too high in basket and always secure cargo with appropriate tie down straps.
- Wipe surface of cycle clean and dry when exposed to corrosive substances or environment.
- Operate Cycle at slow speeds; avoid areas with vehicular traffic.
- Operators of cycles should be in good physical condition. Ride at your own risk.
- Wear proper riding attire. Check shoelaces prior to riding so they do not become engaged in the chain and sprocket.
- Ride only on smooth, paved surfaces. Do not use off road. Do not ride on steep grades...designed for relatively flat roads.
- Do not operate a tricycle on steep grades. They are designed for relatively level, paved surfaces only.
- Always replace worn parts with genuine Worksmen Cycle Repair Parts. Keep a maintenance log for your records.
- Designate a Captain. The Captain should keep both hands on the handlebars. SBST steers like a car...always turn slowly.
- If motorized, buyer responsible for meeting local laws relating to motorized vehicles and viability of operation.

LIMITED WARRANTY:

THIS CYCLE IS WARRANTED AGAINST FAULTY PARTS UNER THE FOLLOWING CONDITIONS: THIS WARRANTY DOES NOT COVER ANY FAILURE DUE TO ACCIDENT, ABUSE, MISUSE, NEGLIGENCE OR AS THE RESULT OF NORMAL WEAR AND TEAR, OR IMPROPER ASSEMBLY. THE ENTIRE FRAME INCLUDING ALL WELDED JOINTS IS WARRANTED TO BE FREE FROM DEFECTS AND MATERIAL FOR ONE YEAR WHILE IN POSSESSION OF THE ORIGINAL PURCHASER. ALL OTHER PARTS ON THIS CYCLE EXCEPT TIRES AND TUBES IS WARRANTED FOR NINETY DAYS FROM THE DATE OF PURCHASE. REPAIR AND REPLACEMENT OF THESE PARTS IS TO BE ACCORDING THE WORKSMEN CYCLES PARTS AND SERVICE PROCEDURES AND MUST BE HANDLED DIRECTLY THROUGH THE SOURCE WHERE THE CYCLE WAS PURCHASED. IF UPON EXAMINATION OF THE PARTS IN QUESTION, THE WORKSMEN CYCLE DEALER DETERMINES THAT IT IS DEFECTIVE, EITHER REPAIR OR REPLACEMENT WILL BE MADE AT NO COST EXCEPT THE COST OF TRANSPORTATION AND LABOR CHARGES (IF ANY). UNAUTHORIZED REPAIRS OR REPLACEMENT AUTOMATICALLY VOIDS WARRANTY. PROPER MAINTENANCE IS REQUIRED FOR WARRANTY TO BE VALID. IN THE EVENT THAT IT WAS DETERMINED THAT THE WARRANTY CLAIM IS THE RESULT OF MISUSE, ABUSE, IMPROPER MAINTENANCE OR SIMPLY NOT DEFECTIVE OR BEYOND THE WARRANTY PERIOD, WORKSMEN CYCLES OR THE DEALER WILL ADVISE YOU AS TO THE COST OF REPAIR, REPLACEMENT OR LABOR PRIOR TO PERFORMING ANY WORK OR REPLACING ANY PARTS. IF YOU CHOSE NOT TO HAVE THE DEALER OR WORKSMEN CYCLES PERFORM THE WORK, THE PARTS WILL BE RETURNED TO YOU AT YOUR EXPENSE OR DISCARDED IF NO REPLY IS RECEIVED WITHIN 2 WEEKS OF NOTIFICATION. THE SOLE RESPONSIBILITY OF THE MANUFACTURER TO THE TERMS OF THIS WEARRANTY, IF ANY, SHALL BE THE REPAIR AND OR REPLACEMENT OF THE PARTS AS INDICATED ABOVE. THE LIABILITY OF THE MANUFACTURER SHALL IN NO EVENT EXCEED THE ORIGINAL PURCHASE PRICE OF THE PRODUCT AND THE MANUFACTURER SHALL NOT BE RESPONSIBLE FOR ANY CONSEQUENTIAL DAMAGES OF ANY NATURE, INCLUDING, BUT NOT BY WAY OF LIMITATION, DAMAGES FOR PERSONAL INJURY OR PROPERTY. THIS STATEMENT CONSTITUTES THE EXCLUSIVE EXPRESSION OF WARRANTIES BY THE MANUFACTURER AND IS IN LIEU OF ANY OR ALL OTHER WARRANTIES SUCH AS EXPRESSED WARRANTIES, IMPLIED WARRANTIES, INCLUDING BUT NOT LIMITED TO WARRANTIES OF MERCHANTABILITY, AND FITNESS OR PURPOSE., ARE LIMITED IN DURATION FOR ONE YEAR FROM THE DATE OF PURCHASE O THE FRAME ONLY AND 90 DAYS FOR ALL OTHER PARTS, EXEPT TIRES AND TUBES WHICH ARE NOT WARRANTED. WORKSMEN TRADING CORPORATION IS THE MANUFACTURER. MISUSE OF THE CYCLES INCLUDING OFF ROAD RIDING, INSTALLATION OF MOTORS OR POWER ASSISTS, ALTERATIONS, REPAIRS USING PARTS OTHER THAN GENUINE WORKSMEN CYCLE PARTS VOIDS WARRANTY. WORKSMEN TRADING CORPORATION IS NOT RESPONSIBLE FOR MAINTAINING RECORDS OF SERIAL NUMBERS. VOID WHERE PROHIBITED BY STATE LAW.

FA X THIS COMPLETED REGISTRATION FORM TO 718-529-4803 OR MAIL WORKSMEN CYCLES: 94-15 100TH ST OZONE PARK NY 11416

Name of Purchaser _____ Company Name _____

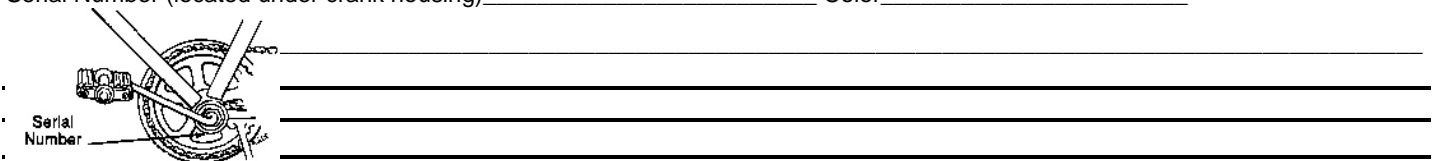
Mailing Address _____

Tel _____ Fax _____ e-mail _____

Date of Purchase _____ Dealer name _____

Address of Dealer _____

Serial Number (located under crank housing) _____ Color _____



SIGNATURE _____

DATE _____