



MMT5X7 Owner's Manual

DETAIL K2 INC.

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Read the owner's manual over carefully before you begin using your trailer.

**7.5 ft.
Utility
Trailer**



The following pages contain the assembly diagrams and complete parts list

IMPORTANT SAFETY CHECK LIST

Trailers are generally not used everyday. Your trailer may sit for extended periods of time between uses making it very important to check all components thoroughly before each use. Following these simple instructions will maximize the life of your trailer and help you safely transport your cargo.

DO NOT ABUSE THE TRAILER. Trailer performance is best if you follow the guidelines set forth in this manual. Do not force the trailer to do a job it's not designed for. Know your trailer; learn its applications and limitations.

1. Make sure the towing vehicle as well as the hitch is capable of towing the trailer. Check your vehicle owner's manual for trailering ratings.
2. Inspect the trailer and all of its parts before each use.
3. Check the operation of all lights. Operating lights are mandatory on a trailer.
4. Check to ensure Wheel Bolts are tight. Torque to 80 ft.-lbs. Re-tighten after the first 50 miles or 80 kilometers.
5. Check the tire pressure. Maximum 80 PSI (552 KPA) when carrying the maximum rated load.
6. Re-pack the wheel bearings every 2000 miles or 3200 kilometers or a minimum of once every year.
7. Check that the trailer coupler is fastened securely onto the trailer ball. The trailer ball must be a 2" ball.
8. Make sure the safety chain is attached to the trailer and the towing vehicle.
9. If your trailer has an optional side kit, make sure all bolts and pins are in place before transporting your trailer.
10. Do not exceed the Gross Vehicle Weight Rating (G.V.W.R.) which is shown on the trailer serial / certification label.
11. Balance and secure the load on the trailer. See "Trailer Loading" section in this manual.
12. Lubrication of the coupler, springs and the tilt mechanism should be done periodically to stop corrosion and keep parts moving freely.



DANGER

- **KEEP CHILDREN AWAY.** Be sure children are kept a safe distance from the trailer operating area.
- **NEVER SIT OR RIDE ON THE TRAILER.** Serious injury or death could occur.
- **EXERCISE EXTREME CAUTION WHEN TILTING THE TRAILER.** There are many areas of the trailer where injury can occur if used improperly. The trailer may tilt quickly and unexpectedly during the loading and unloading process. The tilt option should not be used for heavy loads.
- Ramps should be used for loading heavy items.
- **DO NOT** drive with the trailer in the tilted position.
- **DO NOT** load more than one all-terrain vehicle on to this trailer.
- If the trailer is incorrectly attached to the vehicle, it could pull away from the vehicle and fall off.
- Secure trailer to the towing vehicle before transportation. Make sure coupler is locked and the safety chains are attached to the trailer and the vehicle.
- Secure your cargo into the trailer properly and in compliance to local laws.
- When driving do not exceed the speed limit. Braking time can be considerably longer when a vehicle is towing a loaded trailer.
- Any modifications made to the trailer or parts of the trailer will void the trailer warranty and release Detail K2 Inc. of any responsibility for damages, injuries or accidents incurred.

Replacement Lenses

Rear Red Lens (Large)	41237
Rear Red Lens (Small)	41238
Marker Lens (Orange)	41239

- **ONLY USE ORIGINAL EQUIPMENT PARTS AND ACCESSORIES.** Consult **Detail K2 Inc.** for the recommended accessories. The use of improper accessories may cause hazards or injuries.

LIGHTING & WIRING MAINTENANCE

WIRING LEGEND

Symbol	Color	Description	Operation	
G	Green Wire	Passenger Side (Right)	Right Signal	Brake
B	Brown Wire	Running Lights	Tail light marker	Yellow Front Side Markers
Y	Yellow Wire	Driver Side (Left)	Left Signal	Brake
W	White Wire	Ground	Trailer Ground	

- **NOTE:** Brake light goes out on the side that is signaling.
- Lower filament (Brighter light) = Brake & Signal
- Higher Filament (Dimmer Light) = Running Lights

To test vehicle wiring;

You will need a 12v light tester. Attach the wire clamp of the tester to the ground wire on the vehicle plug.

Then touch the tester pin into one of the vehicle plug contacts. Turn on the corresponding vehicle operation i.e. Running lights. This will illuminate the tester light if the vehicle wiring is correct. Follow this same procedure for the signal and brake lights.

To test the Trailer wiring;

Once you have confirmed that the vehicle trailer plug is operating properly, connect the trailer plug to your vehicle.

Proceed to test each of the lights and power leads using your 12v light tester. Follow the wiring legend and diagram to test each corresponding wire for power when trailer light is not operating.

Always be sure to check your brake, running and signal lights before each use. Make sure that all of your connections are solid and that all wiring is in good condition.

Note: Bare, stripped or pinched wire will cause a short in the trailer, which will cause the vehicle fuse to blow. A solid ground is required for your lights to work properly. All contacts must be to bare metal. Light covers should be well maintained and kept clean. Be sure that your lights are always visible, not obstructed by your load.

LOADING YOUR TRAILER

A/B. Distribute the weight evenly.

C. Center the load over the axle, keeping about 10% of the weight on the tongue. (If vehicle wheels are not on a crossbeam you will need to add wood to the floor to support each axle).

D. Center the load from side to side.

E. Always secure your cargo into the trailer properly and in compliance to local laws.



CAUTION

Do not build your trailer load higher than 3'. Higher loading will affect trailer handling due to increased wind resistance. This may cause violent movements, accidents and serious injury.

TRAILER CAPACITY:

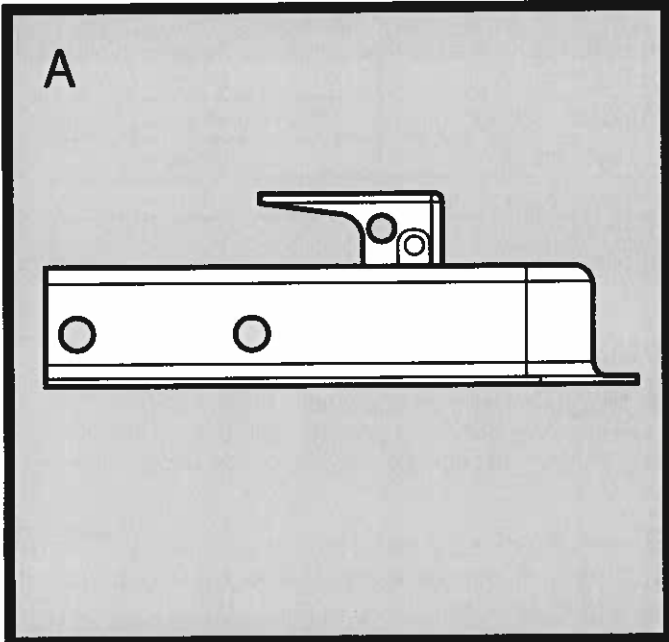
- Never overload your trailer. Each trailer has a maximum payload that should not be exceeded. Overloading your trailer could cause serious damage to your trailer as well as the towing vehicle. Please refer to your trailer serial / certification label located on the frame of the trailer for capacity details.
- The Gross Vehicle Weight Rating (G.V.W.R.) is:
The Weight of the Trailer + The Maximum payload the trailer can carry. The trailer weight and the payload must not exceed this (G.V.W.R.) weight rating.
- Be sure that any load carried in your trailer does not extend beyond the frame of your trailer. Never place loads on one side only.

Tongue Weight

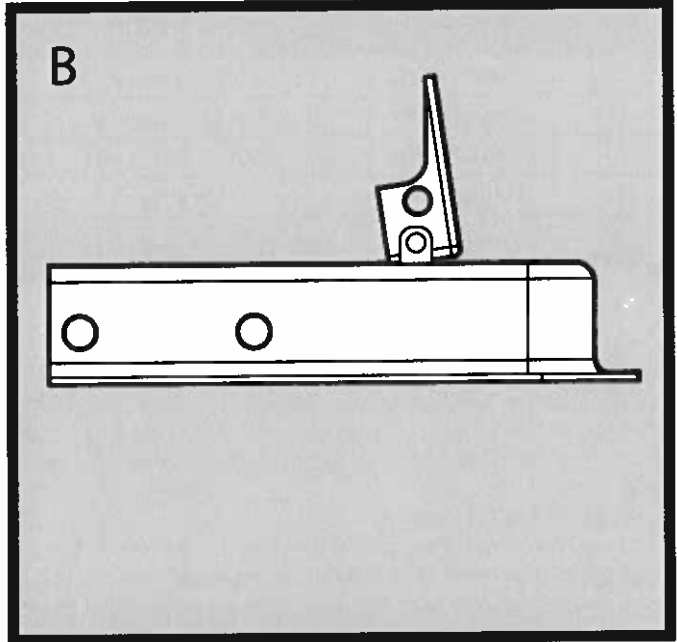
- The tongue weight is 10% of the load (this does not include the weight of the trailer).
- The load is divided so that 90% of the load is over the axle and 10% is over the tongue.

TRAILER COUPLER

A = Locked



B = Unlocked



To adjust coupler to ball;

Set coupler and tongue on to the 2" trailer ball on your vehicle.

Raise the locking lever, push up on channel lock and turn nut to tighten or loosen the coupler.

Proper adjustment is obtained when coupler is as tight as possible on the ball and locking lever can still be opened and closed.

Before towing your trailer be sure to check the capacity of your trailer hitch on your vehicle (never exceed this or your trailers capacity). The Detail K2 Trailer is equipped with a 2" coupler and must be used with a 2" trailer ball. Make sure that the trailer ball is completely engaged in the coupler ball

WHEEL BEARING & HUB ASSEMBLY

NOTE: Bearings should be re-packed every 2000 miles or 3200 kilometers.

Item #	Description	Qty.
1	1" Axle Bearing Kit	1
1A	Bearing Cup (press fit)	2
1B	1" Bearing Cone	2
1C	Grease Seal	1
1D	2" Axle Dust Cup	1

Item #	Description	Qty.
1E	1" Axle Castle Nut	1
1F	3/16" Cotter Pin	1
2	Hub (bare) with bearing race	1
3	Axle c/w hubs and bearings	1

Part # _____ Axle Bearing Kit includes all parts 1A to 1E.

Note: Part 1A Bearing Race is press fit into the Hub and may not need to be replaced when changing bearings.

Re-packing Wheel Bearings

- Loosen wheel bolts (Do not remove!).
- Support trailer so the wheel is off the ground. (jack stand – floor jack – block)
- Remove nuts and wheel.
- Disassemble hub
- Clean hub and pack bearings with wheel bearing grease.
- Re-install bearings, nut and cotter pin.

Caution: DO NOT over tighten nut. The hub must turn freely and without play.

- Re-attach bolts and wheel. (Torque to 80 lbs.)

TRAILER LICENSING

The Detail K2 kit trailer **MUST BE CERTIFIED** after assembly by a local garage which is approved and holds a license to provide safety certificates for roadway vehicles.

In order to register your trailer with the Department of Motor Vehicles or Ministry of Transportation and obtain a license plate you will need to have either the NVIS form in Canada or the Manufacturers Certificate of Origin in the US filled out and signed by the dealer transferring ownership to you. This form is found in your trailer manual package. Take this form along with the bill of sale (cash register receipt) and safety certificate to your local Department of Motor Vehicles or Ministry of Transportation licensing office. Once you pay the appropriate fees you will be issued a title or registration and license plate to be attached to the trailer.

US Residents

To Contact National Highway Traffic Safety Administration

If you believe that your vehicle has a defect, which could cause an accident, personal injury or death, immediately inform the National Highway Traffic Safety Administration (NHTSA) in addition to notifying Detail K2

If NHTSA receives similar complaints, or finds safety defects existing in a group of vehicles it may open an investigation or order a recall and remedy campaign. However, NHTSA cannot become involved in individual problems between you, your dealer, or Detail K2.

To contact NHTSA, you may either call the Auto Safety Hotline toll-free at 1-800-424-9393 (or 366-0123 in Washington, DC area) or write to: NHTSA, U.S. Department of Transportation, Washington, DC 20590.

PARTS LIST

ENGLISH

Part Number	Description	Qty.
52850	Frame	1
HH-0562-4500-Z	9/16 x 4-1/2 Hex Head Bolt	2
HH-0562-3500-Z	9/16 x 3-1/2 Hex Head Bolt	2
CLN-0562-Z	9/16" Lock Nut	4
630-009	Spring	2
52851	Tongue Tube	2
PIN-0500-5000-Z	Hitch Pin	2
RC-0125-2500-Z	R-Clip	2
HH-0500-3000-Z	1/2 x 3 Hex Head Bolt	2
CLN-0500-Z	1/2 Lock Nut	2
620-046TL	Safety Chain	2
620-220T	Coupler	1
52852	Axle Assembly	1
52853	Spring Plate	2
UB-0375-3500-Z	U-Bolt	4
CLN-0375-Z	3/8 Lock Nut	8
95-240	Wheel Assembly	2
WN-0500-Z	1/2 Wheel Nut	10
620-00L	Light Kit	1
RT-0250-1614	16 ga 1/4" Eye Ring Terminal	6
52854	Marker Light Bracket	2
HH-0250-0750-Z	1/4 x 3/4 Hex Head Bolt	4
CLN-0250-Z	1/4 Lock Nut	4
52855	Side Panel	2
HH-0312-0750-Z	5/16 x 3/4 Hex Head Bolt	8
CLN-0312-Z	5/16 Lock Nut	8
52856	Fender	2
52857	Standard Gate	1
52858	Custom DK Gate	1
PP-0312-2500-Z	5/16 x 2-1/2 Plow Pin	4
HH-0375-2500-Z	3/8 x 2-1/2 Hex Head Bolt	4
CLN-0375-Z	3/8 Lock Nut	4

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