

Love Seat Assembly Instructions



Thank you for purchasing your new Torrans Manufacturing Company's Love Seat. Assembly of the Love Seat can be accomplished by one person however, it is advised that you have a helper during a few of the assembly steps to lessen the chance of marring the powder coat finish.

Working on a clean padded surface or a lawn is highly recommended. **Avoid concrete as your assembly area.**

DO NOT OVER TIGHTEN FASTENERS! THIS COULD RESULT IN BREAKING THE POWDERCOAT AND WILL VOID YOUR WARRANTY!

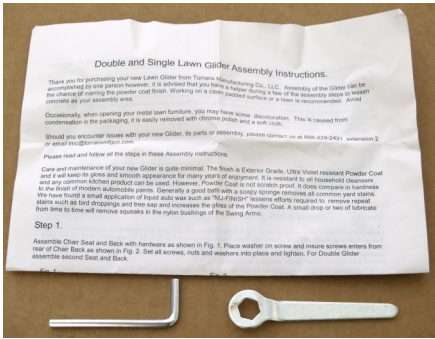
Occasionally, when opening your metal lawn furniture, you may encounter some slight discoloration. This and many other scuff marks can be easily removed with Automotive Chrome Polish and a soft cloth.

Please **CAREFULLY** read, understand and follow **ALL** the steps in these Assembly Instructions **AND Complete Each Step Before Moving On To The Next.**

Care and maintenance of your new Love Seat is quite minimal. The finish is Exterior Grade, Ultra Violet resistant Powder Coat and it will keep its gloss and smooth appearance for many years of enjoyment. It is resistant to all non abrasive household cleansers and any common kitchen product can be used. However, Powder Coat is **NOT** scratch proof. It does compare in hardness to the finish of modern automobile paints. Generally a good bath with a soapy sponge removes all common yard stains. We have found a small application of liquid auto wax such as "NU-FINISH" lessens efforts required to remove repeat stains such as bird droppings and tree sap and increases the gloss of the Powder Coat.

NOTE: When moving the assembled Love Seat, take care not to drag the frame over hard surfaces such as concrete as this could damage the powder coat. The Love Seat has feet on the bottom of the frame to prevent damage to the frame when the furniture is placed on hard surfaces.

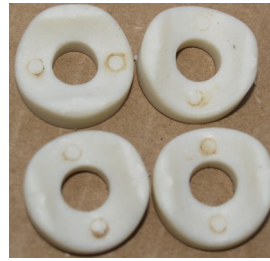
Love Seat Parts List



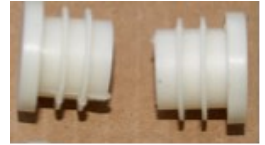
1 set of instructions with tools



Extra hardware



4 plastic spacers



2 end caps



Right and Left chair frame legs, 1 rear crossmember, 1 center support, 1 front crossmember



2 Chair Backs



2 Chair Seats



9 short screws



**7 long screws
1 medium screw**



34 washers



17 lock nuts

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Note: Certain Steps may be more easily accomplished with temporary assistance from a helper to hold or steady parts during assembly.

Locking Nuts contain a captured nylon ring and function to prevent loosening during use. This nylon ring must face away from the head of the screw when threading on Locking Nut. Resistance will be felt when this nylon ring engages screw threads. This resistance is normal and usually will be greater than simple finger pressure can overcome. *Finger tight* means to thread the Locking Nut onto the screw until this resistance is felt.

Step 1.

Locate **2 Chair Seats, 2 Chair Backs, 8 short screws, 16 washers and 8 locking nuts**. Assemble 1 Chair Seat and Back using **4 short screws, 8 washers and 4 locking nuts**. Place 1 washer on each short screw. Align the 4 mounting holes of Seat with Chair Back and insert 1 screw with washer through a mounting hole. *Ensure screw enters Chair Back from rear of Chair Back*. Place another washer on short screw with locking nut and hand tightened only. Repeat for remaining mounting holes. Fully tighten. Assemble second Chair Seat and Back.

Step 2.

Locate **Center Support, 1 short screw, 1 medium screw, 4 washers and 2 locking nuts**. Align, side by side the 2 previously assembled Chair Seats and Backs with Chair Backs lying flat on a smooth and level surface. Closely align mounting holes of each Seat and insert short screw with washer through both mounting holes. Place washer and locking nut on screw and hand tighten. **(FIG. 1)** Flip both Chair Backs and Seats upright—together at the same time. Working from rear of semi completed Chair Back and Seat Assembly, place flat portion of Center Support between each Chair Back and align mounting holes. *Note: for easier assembly, allow curved mounting area of Center Support to face down*. Insert medium screw with washer through a Chair Back mounting hole, Center Support mounting hole and opposite Chair Back mounting hole. Place washer and locking nut on screw and tighten until slightly firm only. Center Support should move freely. **(FIG. 2)** Return to short screw securing both Chair Seats and fully tighten. Carefully set Chair assembly safely aside.

Step 3.

Locate Left and Right **Chair Frame/Legs, Rear crossmember, Front crossmember and 2 plastic end caps**. Fully insert a **plastic end cap** into straight portion of both Chair Legs. Place **Rear crossmember** into bent ends of each Chair Leg and fully seat. **(FIG. 3)** Loosely align semi completed Chair Frame into general shape of completed Chair. A helper may be needed for this. Locate **2 long screws, 4 washers and 2 locking nuts**. Place 1 washer on each screw. Align Front Crossmember mounting hole with crossmember mounting holes located on front of each Chair Frame. *Ensure curved surface of Front crossmember mounting hole rests against inside of Chair Frame*. Fully insert long screw with washer entering from outside of Chair frame. Align Front crossmember mounting hole over screw and place 1 washer with locking nut on screw and hand tighten. **(FIG. 4)** Repeat for opposite side. Do not tighten.

Step 4.

An assistant may be helpful for this next step. Locate **5 long screws, 10 washers, 5 locking nuts and 4 plastic spacers**. Place 1 washer on each screw. Carefully place previously assembled Chair assembly into Chair frame and allow front of Chair assembly to rest on top of Front crossmember. Working from rear of semi completed Love Seat, loosely align a Chair Back mounting hole with corresponding rear Chair Frame mounting hole. Insert screw with washer into Chair Frame mounting hole from outside of Love Seat and place 1 plastic spacer over screw. Ensure curved area of plastic spacer matches with Chair Frame. Fully insert screw with washer through Chair Frame mounting hole, plastic spacer and Chair Back mounting hole. Place 1 washer with locking nut on screw and finger tighten. **(FIG. 5)** Repeat for opposite side. Fully tighten. Ensure Rear crossmember remains fully seated. At this point, semi completed Love Seat will stand by itself.

Step 5.

Working from front of semi completed Love Seat, insert long screw with washer into a Chair Frame mounting hole from outside of Love Seat. Place 1 plastic spacer over screw and ensure curved area of plastic spacer matches Chair Frame. Align Chair Seat mounting hole with screw and fully insert screw through Chair Frame mounting hole, plastic spacer and Chair Seat mounting hole. Place 1 washer with locking nut on screw and hand tighten. **(FIG 6)** Repeat for opposite side. Fully tighten. Return to Front Crossmember and fully tighten.

Step 6.

Return to rear of semi completed Love Seat and align mounting hole located at bottom of Center Support over center mounting hole of Rear crossmember. Ensure curved portion of Center Support matches crossmember. Fully insert long screw with washer through Center Support and Rear crossmember mounting hole. Place 1 washer with locking nut on screw and fully tighten. **(FIG. 7)** Return to top of Center Support and fully tighten medium length screw. This completes assembly of the Love Seat.

FIG. 1



FIG. 2



FIG. 3



FIG. 4



FIG. 7

FIG. 5



FIG. 6

