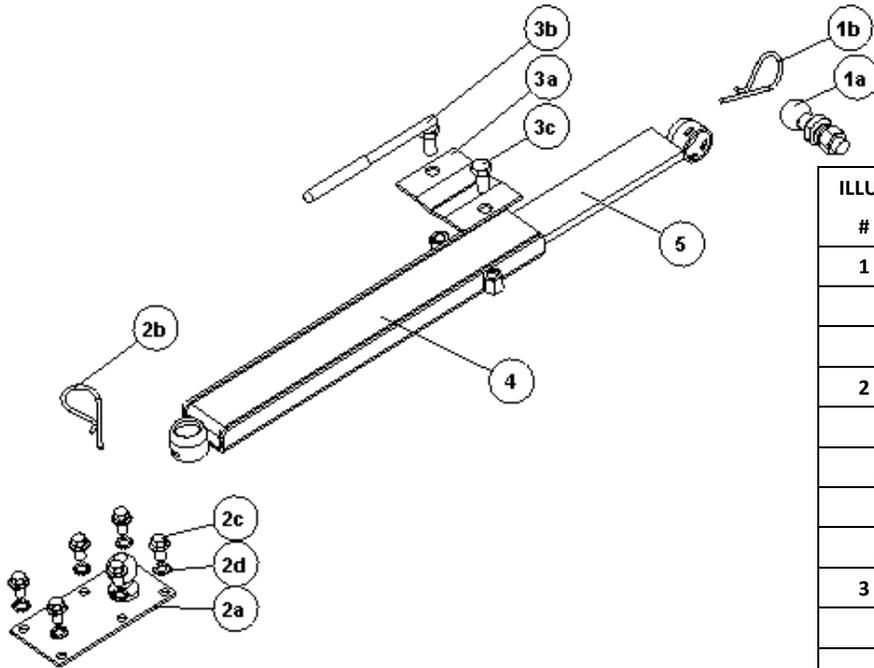




INSTALLATION INSTRUCTIONS

ULTRA FRICTION SWAY CONTROL



ILLUS #	PART NUMBER	PART NAME	QTY REQ
1	35-010002	Ball Assembly	
1a		Ball	1
1b		Spring Clip	1
2	35-010003	Ball Plate Assembly	
2a		Ball Plate	1
2b		Spring Clip	1
2c		Self Tapping Screw	6
2d		Lock Washer	6
3	35-010005	Compression Plate Assembly	
3a		Compression Plate	1
3b		Handle	1
3c		Tension Adj Screw	1
4	35-010007	Main Body	1
5	35-010008	Slide Bar	1

READ ALL INSTRUCTIONS AND CHECK PACKAGE CONTENTS

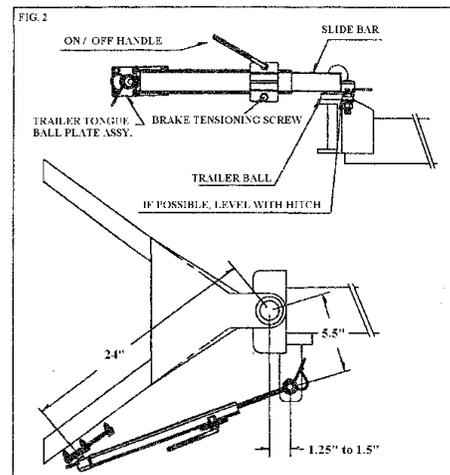
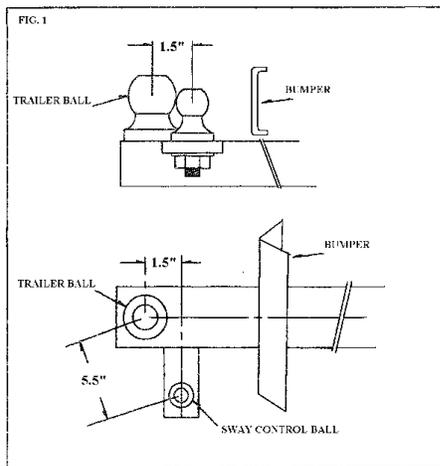


WARNING

- DO NOT USE SWAY CONTROL ON TRAILERS WITH SURGE BRAKES.
- DO NOT USE SWAY CONTROL ON CLASS I HITCHES.
- TRAILER LOADING:
 - a. Correct trailer loading will help prevent dangerous sway.
 - b. Place heavy items in front of the trailer axle.
 - c. Balance the load from side-to-side and secure load to minimize shifting.
 - d. Load the trailer heavier in front.
 - e. In general, tongue weight should be 10-15% of gross trailer weigh.
 - f. Insufficient tongue weight or tail heavy trailers can cause sway.
- The Handle (3b) is an ON/OFF device only. The Tension Adjustment Screw (3c) is for tension adjustment only.
- During slippery conditions, such as wet, icy, gravel or snow covered roads, turn ON/OFF Handle (3b) counterclockwise to release all tension from sway control unit. **FAILURE TO RELEASE TENSION CAN LIMIT TOW VEHICLE AND TRAILER FROM TURNING PROPERLY.**
- **WHEN** sway occurs, **DO NOT SPEED UP.** Speed increases sway. **DO NOT** operate a swaying vehicle. Stop the vehicle. Determine cause of sway by checking trailer loading, sway control tension adjustment, and check all hitch components. Correct the cause of sway.



- It is recommended to install a right and left hand sway control for trailers that exceed 24'.
- The handling characteristics of a tow vehicle change when towing a trailer.
- Short wheel base vehicles can induce sway while towing a trailer.



INSTALLATION-Refer to Fig. 1 and 2.

1. Couple trailer to tow vehicle in a straight line on level ground.
2. Mount sway control Ball Assembly (1) using nut and lock washer to Ball Mount (Figure 2) and torque to 100 ft-lbs.
3. Mark the trailer frame 24" from the center of the hitch ball (Fig. 2).
4. Place the center of the ball on the Trailer Tongue Ball Plate (2a) on the trailer frame mark and center punch four hole locations. Drill four holes using an 11/32 (0.343) drill bit for 1/8" (0.125) or thicker trailer tongue material.
5. Position the Trailer Tongue Ball Plate (2a) over the drilled holes and drive four of the Self Tapping Screws (2c) through the plate and into the trailer tongue. Drill the two remaining holes and install screws.
6. For left hand installation, remove Slide Bar (5) from sway control, and reinstall upside down.

HOOK-UP

1. Lubricate both balls with a small amount of grease.
2. Put socket of Slide Bar (5) over Ball Assembly (1) and attach the Spring Clip (1b).
3. Loosen Handle (3b) until the slide bar can be moved. Extend sway control assembly and place socket over ball on trailer. Attach with other Spring Clip (2b).
4. Tighten handle until it stops.
5. **Damage to the sway control can be caused by excessive turning maneuvers.** The turning limit can be determined by backing tow vehicle slowly into a jackknife position. Do not compress slide bar completely or allow bumper to contact sway control. If contact can be made between the sway control and bumper or if the sway control becomes fully compressed, then remove sway control whenever backing trailer.

ADJUSTMENT

1. Trailer loading, road and weather conditions, towing speed, tire condition and pressure, power steering all affect towing. Verify correct sway control assembly by completing several road tests while towing a loaded trailer. Increase or decrease tension by turning the Tension Adjustment Screw (4) in ¼ turn increments until the desired amount of sway control is attained. Larger heavier trailers, it may be require a second sway control unit.
2. After about 1,000 miles of towing, remove the slide bar from the sway control and clean the friction surfaces with a wire brush. Repeat this cleaning procedure about every 8,000 miles.

UNHOOKING

1. Release tension by turning ON/OFF Handle (3b) counterclockwise.
2. Remove both Spring Clips (1b).
3. Remove sway control.