



INSTRUCTION TO SERVICE

ITS: 6073

SECTION:	Chassis
WRITTEN BY:	Kevin Robinson
SUBJECT:	Remove and replace sway bar.

ITS6073

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PROCEDURE:

1. Turn the main battery disconnect switch to the “OFF” position.
2. As required, raise coach in accordance with the New Flyer Service Manual.
3. Remove the existing sway bar.
 - a. Unbolt from axle towers. Discard bushings and mount bolts.
 - b. Unbolt from front mounts. Discard bolts, new ones will be supplied. Retain rubber bushings for re-use.
4. Install the new sway bar (NF PN A-470815) in the place of the old one.
 - a. Secure in place to the front mounts with new M12 bolts (NF PN A-MCS-112-30P). Torque 101-111 Nm (75-81 ft-lbs) dry.
 - b. Secure in place to the axle towers using the supplied bushings (NF PN A-664103), hardened flat washer (NF PN A-657017-7), and M16 bolts (NF PN A-MCB-116-70P). Torque 248-275 Nm (183-202 ft-lbs) dry.
5. Remove all tools and debris and return the bus to service condition.
6. If necessary, lower coach in accordance with the New Flyer Service Manual.
7. Turn the main battery disconnect switch to the “ON” position.



Figure 1: Sway Bar Installation.

LABOUR ESTIMATE

	Operation	Men	Hours	Labour Time M X HR
1	Remove and replace sway bar.	1	2.0	2.0

PARTS REQUIRED

Item	Part Number	Description	Qty. per Coach	Units	Notes
1	A-470815	BAR - FRONT ANTI-ROLL	1	EA	
2	A-664103	ASSY BUSH ARB PU	4	EA	
3	A-MCB-116-70P	BOLT M16X70	2	EA	
4	A-657017-7	WASHER M16 HARDENED	2	EA	
5	A-MCS-112-30P	SETSCREW M12X30	8	EA	