

iLIFT Suspension Lift System
Acura NSX, 1991-05 (Fender Mount)
 Document Version: 1.3



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Note:

- This installation manual is intended to supplement, not replace, the factory service manual. Please consult the factory service manual for specifics like shock absorber removal, replacement, component locations, and torque specifications.

Required:

- Compatible shock absorber & springs (see next page for details).
- Spring compressor for factory shock absorbers (wall-mounted style recommended).
- Shock absorbers, like KW which reuse the factory top mounts, require optional iLIFT-supplied urethane bushing kit, or optional iLIFT-supplied top mounts.
- Small “race batteries” may not have enough current capacity to allow the iLIFT compressor to run and not cause the engine to stall. A factory capacity battery is required.
- Standard automotive & electrical tools.

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1. Parts List

SYS-NSX1-FDR-2WH

iLIFT System, Fender Mount, 2 wheel - NSX, 1991-05

QTY	ITEM	PART NO.
BOX: 30x15x15 double wall		
Box 1 - Compressor & Accessories - 12x10x10 box (heavy bubble on all components)		
1	assembly, air compressor - fender mount - NSX, 1991-05	NSX1-COM-ASY
1	bracket, compressor fender mounted	NSX1-BKT-COM-01
1	air compressor intake & filter kit	COM-INT
Box 2 - Hardware - Small Tuck Top (2 Wheel)		
Bag 6x9 - "Actuator Accessories"		
2	bump stop, 20mm	BMP-20
2	spring bushing, for 63/63, 65, or 70mm springs	SPB-60-XX
1	cone installation tool, AxB (shaft size x thread size)	ASC-AxB
Bag 4x6 - "Air Tank & Air Control Installation Hardware"		
1	bolt, M6x12 hex flange (8.8 ZP)	1189106012
1	bolt, M6x20 hex flange (8.8 ZP)	1189106020
1	bolt, M6x45 hex flange (8.8 ZP)	1189106045
2	nut, M6 hex flange (ZP 10.9)	95003A101
1	spacer, 1.25" long for M6 bolt	92511A099
Bag 4x6 - "Air Compressor & ECU hardware"		
4	bolt, M6x16 hex flange (8.8 ZP)	1189106016
4	washer, M6 oversized (18-8 SS)	WSX-SUS-M6X20-1.6
1	washer, M8 oversized	91100A160
2	bolt, M6x35 hex flange (8.8 ZP)	6928106035
2	nut, M6 hex flange (ZP 10.9)	95003A101
1	mounting clip, DT/DTM (modified for 1/4"/M6 flat fastener)	MAN-CLP
1	bolt, M6x12 hex flange (8.8 ZP)	1189106012
1	bolt, M6x20 flat allen socket	92125A240
1	nut, M6 hex flange (ZP 10.9)	95003A101
Bag 6x9 - "Air Tube Accessories & Misc"		
2	fitting, Tee union 5/16" tube, nickel plated brass	89230-05
1	tube cutter tool	TC
20	zip tie, nylon, 5.5"	7130K53
10	zip tie, nylon, 8.5"	7130K54
Box 3 - Electrical - Tuck Top		
Small bubble wrap		
1	assembly, fender mounted cabin harness - NSX, 1991-05	NSX1-FEN-HAR-01-ASY
Bag 5x8 - "PDM & Accessories"		
1	power distribution module	46095
1	fuse, JCASE 40A	46592
1	fuse, MIDI 40A	46381
1	inline fuse holder, MIDI	46312
2	ring terminal, shrink insulated 1/4" stud 12-10 AWG	32903
2	ring terminal, shrink insulated 5/16" stud 12-10 AWG	32904
9	wire, TXL XLP Thin 10 AWG RED (ft)	TXL 10TA-1Z30
1	bolt, M6x45 hex flange (8.8 ZP)	1189106045
1	nut, M6 hex flange (ZP 10.9)	95003A101
Bag 5x8 - "Electrical Accessories"		
6	wire tap, 20-22 AWG	B004D0C2RC
1	switch, dual position up/down rectangle	10003281
4	terminal, flame-retardant for 22-18 gauge	9240K12