

# A-Spec Racing

## Sub Frame Reinforcement Brace

Part number: **EK-RB-01**  
**EK-RBS-01**

Rev: B ASR 11-1-05

### Section I – Installation Preparations

#### General Applicability

1996-2000 Civic Hatch Back DX, CX
1996-2000 Civic Coupe EX, HX, DX
1996-2000 Civic Sedan EX, VP, LX, DX
1999-2000 Civic Coupe Si

#### Kit Content EK-RB-01

Item #	Qty.	Description
1	1	Sub Frame Brace Kit

#### Additional Items Required For Installation EK-RB-01

Item #	Qty.	Description P/N
1	1	Sway Bar *52300-ST7-Z01
2	2	Sway Bar Bushing *52315-ST7-Z01
3	2	Sway Bar Bracket *52308-SS0-000
^4	1	End Link LH **52321-S04-003
^5	1	End Link RH **52320-S04-003
^6	4	End Link Flange Nut

\*Acura part number

\*\*Honda part number

^ASR P/N EK-RE-01 can be substituted

#### Conflicts

**Note:** May not fit on certain aftermarket axle back exhaust mufflers.

#### Kit Content EK-RBS-01

Item #	Qty.	Description P/N
1	1	Sub Frame Brace Kit
2	1	Sway Bar
3	2	Sway Bar Bushing
4	2	Sway Bar Bracket
5	2	End Link

#### Additional Items Required For Installation EK-RBS-01

Item #	Qty.	Description
N/A		N/A

#### Tools Required

See Basic Tools On Page 2

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## **Sub Frame Reinforcement Brace**

### **A. Preparation**

1. Before you begin, ASR recommends that you work on a level ground. And any time you lift a vehicle with a jack or a hoist, be sure that it is always securely supported. Always use jack stands and wheel blocks. For your own safety and the safety of others, use your own good judgment.
2. Be sure the exhaust muffler is cool before you begin.
3. The ASR sub frame brace is designed to reuse some of the original equipment (OE) nuts and bolts. Therefore, as you remove them, keep them with their components. This will assure faster and easier installation.

### **Recommended Tools:**

#### Basic Tools

Metric socket set  
Metric combination wrench set  
Metric Allen-head set  
Rag or shop towel

#### Safety Tools

Safety goggles

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1. Raise the rear of the car up by jacking it up then placing it on jack stands. Block the front tires. Use a car hoist if accessible. Do not use ramps during this procedure.

2. Unbolt both lower control arm bolts.

\*On Si model, unbolt sway bar hardware and end links from lower control arms.

\*On Civic Hatch Backs you may need to remove axle back exhaust muffler to aid installation.



3. Mount the brace and install the longer lower control arm bolts on both sides. Do not tighten at this point.

Install the backing plate and use the 45mm center flange bolt. Do not tighten until both sides are installed. Tighten to 20ft/lbs.

\*Si model have backing place already welded on. Therefore, the supplied backing plate will not be used.

Flange bolt lengths  
Top bolt 55mm length  
Center bolt 45mm length  
Bottom bolt 25mm length



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4. Using the DC2 Integra Type R sway bar, install the end link adaptors on both sides and tighten end link bolt to 22lbf-ft.



6. Install bushing and bracket on sway bar. Slide them out to where the bar starts to bend.



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7. Mount the sway bar with the sway bar bracket using 55mm bolt for the upper, and 25mm bolt lower. Do not tighten.



8. End link studs goes over the holes on the lower control arms. Use flange nuts and tighten them to 22lbf-ft.



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9. Lower the car to a level ground and roll it back and forth and bounce it to remove any static friction from the suspension. With the car to the ground or back on ramps, tighten the lower control arm bolts to 40lbf-ft.



Move the sway bar up and down to loosen any binding. Then tighten the sway bar bracket bolt to 20ft/lbs. This is the way to set up the sway bar to have no preload with out using adjustable end links.