



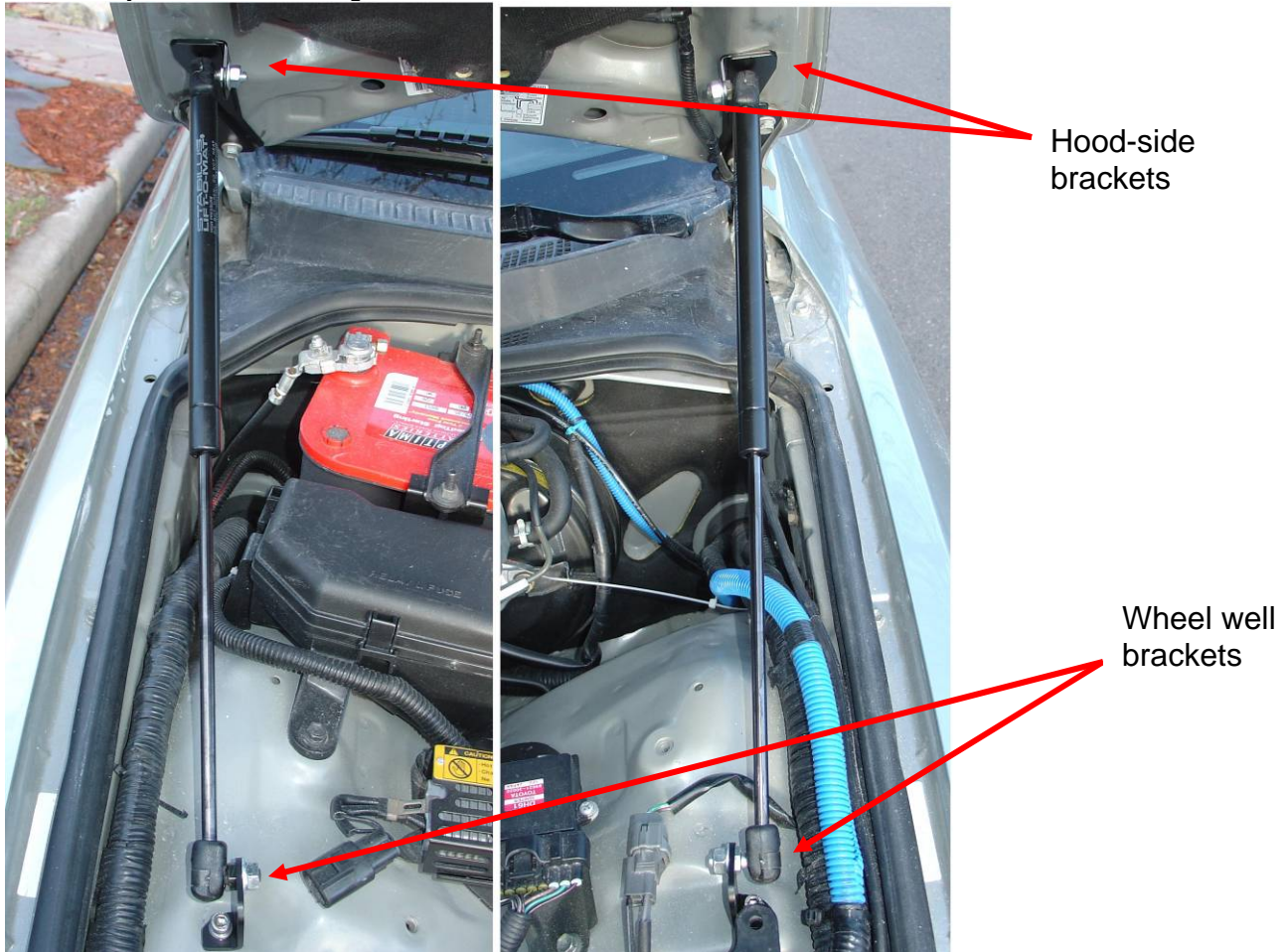
## Hood Prop Kit for the '01-'04 Lexus IS300 Installation instructions

### Kit includes:

QTY	Description	QTY	Description
1	Hood side mounting bracket driver side	4	5/16" washers
1	Hood side mounting bracket passenger side	4	5/16" nuts
1	Wheel well mounting bracket driver side	2	M6 x 16mm socket head screws
1	Wheel well mounting bracket passenger side	2	M6 flat washer
4	10mm Ball studs with 5/16"-20 threads	2	M6 lock washer
2	Stabilis gas struts		

Hello and thank you for purchasing the IS300 hood prop kit from FIGS Engineering. Please make sure you have all pieces and parts for the kit before beginning installation.

1. Identify all of the mounting locations and orientations for all brackets.



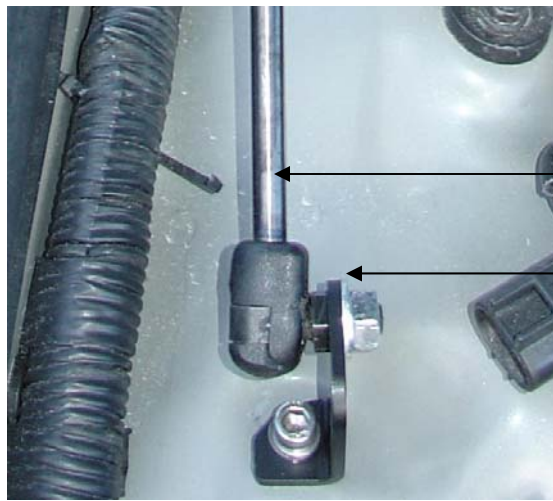
2. Summary of mounting points: Hood side brackets will mount on top of the existing factory hinges with the ball stud mounting location towards the inside of the hood. Wheel well brackets will mount with the "P" shape pointing towards the rear of the vehicle and the mounting flange bent outward from the center of the engine compartment as illustrated in figure 2.
3. Install ball studs to brackets with the 5/16" washers and nuts provided. Hand tighten and then finish with a box end wrench and socket ¼ turn past hand tight. **DO NOT OVER TIGHTEN!!** The ball side of the stud should be on bent flange side for wheel well brackets and above the flat support side of the hood-side brackets, pointing outward in their final application as illustrated below.

### Ball Stud Fastener Stack

Stud | Bracket | Washer | Nut

### Wheel Well Fastener Stack

Screw | Split Washer | Washer | Bracket



### **NOTICE:**

Bracket must be aligned parallel with strut as shown. Do not rotate lower bracket to make room for aftermarket accessories.

FIGS will not accept returns of improperly stressed brackets due to misalignment.

Figure 2.

Passenger side wheel well bracket mounted

4. Mount hood-side brackets first by removing the lower 12mm shoulder bolt first. Secure bracket with the lower bolt before mounting with the upper bolt (1). Once the lower bolt is fastened, remove the upper bolt (2) and swing bracket into place (3). Replace upper bolt (4).



Lower hood bolt installs loose first, remove the upper bolt and then swing the bracket into place

5. Tighten both bolts. Alternate bolts until sufficient torque is reached. **NOTE: If hood does not align after this step, loosen bolts and re-align the hood accordingly. Make sure the shoulder of the bolt passes through the bracket such that the head sits flush when tightened.**
6. Remove driver's side relay box mounting bolt with 10mm socket. This will be the mounting location of the driver's side bracket. **NOTE: Driver's side fuse box can be secured with a zip tie if necessary or left to float. Relocation brackets are available from FIGS. Visit [www.figsprops.com](http://www.figsprops.com) for more details.**
7. Next, secure the wheel well side bracket with the enclosed M6 socket head screw. On the passenger side, use the bolt removed in step 3 to chase out threads at the mounting location on the wheel well (it will be covered with factory paint.) Once paint is removed from the threads, mount the bracket with M6 x 16mm screw using the lock washers and flat washers, lock washers on top. Ball studs should point towards the outside of vehicle. **(Bracket will need to be aligned while tightening and must be parallel with the strut as shown in Figure 2.) Tighten such that bracket does not turn under load, this is important as the bracket will yield if misaligned.**
8. Attach strut by snapping in onto the ball studs. Attach such that the body of the strut is attached to the hood side and the shaft is towards the wheel well side (this is not a necessary orientation, but may help with additional clearance in tight engine bays with additional wiring).
9. Repeat procedure on both sides and remove the stock prop rod by rotating stick and pulling gently.

Replacement parts: Please contact FIGS for all replacement parts.

FIGS does not take responsibility for damage done by misuse or improper installation of the kit described. These installation instructions are provided as a customer service. Strut interference may exist depending on routing of aftermarket accessories. Please check for interference **PRIOR** to closing hood.

FIGS Engineering

:1310 5<sup>th</sup> st. Golden CO 80403 :303.949.5729

:[www.figsprops.com](http://www.figsprops.com)

:[support@figsprops.com](mailto:support@figsprops.com)

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