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Part # 11052899
58-64 Impala Front Lower StrongArms
For Use w/ Shockwaves or CoilOvers

Components:

1	90000474	Driver side lower Arm
1	90000475	Passenger Side Arm
2	90000676	Cross shaft
2	90000677	Cross shaft clamp
4	90000906	Lower control arm bushing
1	90000476	Driver side steering stop
1	90000477	Passenger side steering stop
2	90002586	Ball joint (includes boot, castle nut & cotter pin)
2	99250001	¼"-20 grease fitting for ball joint
4	90002062	Aluminum bearing spacer – Shock to lower arm

Hardware Kit:

2	99371011	3/8"-16 x 6 ½" bolt	Sway bar end link
2	99372002	3/8"-16 Nylok nut	Sway bar end link
4	99311001	5/16"-18 x 1" bolt	Steering stop to lower arm
4	99313002	5/16" SAE flat washer	Steering stop to lower arm
4	99312003	5/16"-18 Nylok Nut	Steering stop to lower arm
4	99431004	7/16"-20 x 2" Gr.8 bolt	Lower arm cross shaft clamp to frame
4	99431006	7/16"-20 x 1 ¼" Gr.8 bolt	Lower arm cross shaft to arm
4	99503004	1/2" Fender washer	Lower arm cross shaft to arm
8	99433003	7/16" lock washer	Lower arm cross shaft & clamp
2	99501024	1/2"-13 x 3 ¼" Gr. 5 bolt	Shockwave to lower arm
2	99502001	1/2"-13 Nylok nut	Shockwave to lower arm

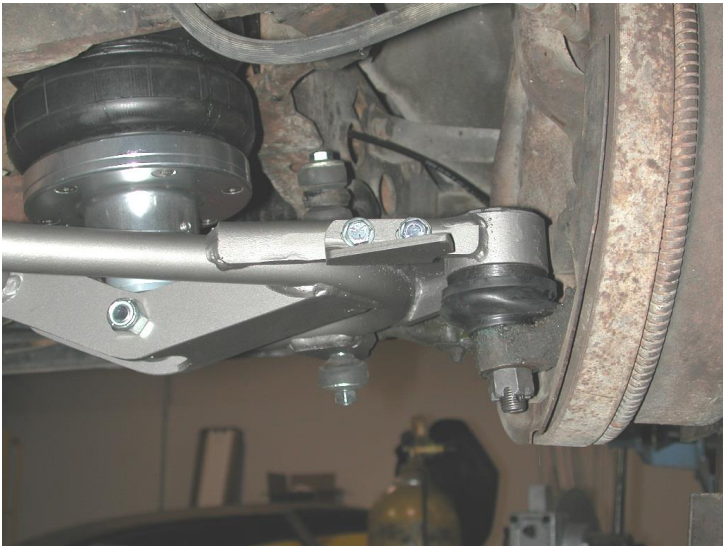
STRONG ARMS™

by Air Ride Technologies

Installation Instructions

Note: These arms will not work with stock 1958 spindles.

1. Raise and support car at a safe, comfortable working height. Let the front suspension hang freely.
2. Remove coil spring, shock absorber, and lower control arm. Refer to factory service manual for proper disassembly procedure.



3. Bolt the lower StrongArm shaft to the frame. 7/16" x 2" bolts, lock washers and flat washer will be used to fasten the aluminum clamp to the frame.
4. Slide the ball joint boot over the ball joint stud. Slide the stud through the spindle, secure assembly w/ new castle nut and cotter pin supplied.
5. Attach the adjustable steering stop to the lower arm using two 5/16" x 1" bolts. This can be adjusted to maintain tire/shock clearances.



6. Attach the ShockWave to the lower StrongArm using the 1/2" x 3 1/4" bolts and aluminum spacers provided.
7. The sway bar end link must be shortened to 2" tall optimize clearance and alignment. Use the shorter 3/8" x 6 1/2" bolt supplied. (Discard if using RideTech MuscleBar)
8. Check all clearance with brake lines, airlines, tie rod, sway bar, and tire through full suspension travel and turn wheel lock to lock.
9. Grease ball joints.

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Item #	Description	Qty.
1.	Passenger side arm	1
1.	Driver side arm	1
2.	1/2"-13 Nylok nut	2
3.	Aluminum bearing spacer	4
4.	Cross shaft	2
5.	Aluminum shaft clamp	2
6.	Steering stop bracket	2
7.	Ball joint	2
8.	Cross shaft bushing	4
9.	5/16"-18 x 1" bolt	4
10.	5/16" flat washer	4
11.	5/16"-18 Nylok nut	4
12.	3/8" x 6 1/2" bolt	2
13.	3/8" USS Nylok nut	2
14.	1/2"-13 x 3 1/4" bolt	2
15.	7/16" lock washer	8
16.	7/16"-20 x 2" bolt	4
17.	1/2" fender washer	4
18.	7/16"-20 x 1 1/4" bolt	4

