

#55-42A upper ball joint fixture – ball joint install instructions, 63-67 Corvette

1. Remove 3 old rivets by grinding off ends and knocking them out with a punch.
2. Remove the cotter pin and slotted nut and place new ball joint down through the hole in a-arm.
3. Turn the a-arm over and place 3 rivets up through the three holes in a -arm (you may have to slightly enlarge the holes with a 5/16" drill).
4. Put the riveting fixture over the rivets and bolt it in place with the slotted nut from the new ball joint.
5. Put the flat part of the fixture in a vise to hold the assembly while riveting.
6. Using an air hammer and riveting bit (lics #55-42c) peen over the ends of the rivets. (the bit will automatically shape the rivets like the originals).

#55-42b lower- ball joint install instructions, 63-67 corvette

1. Remove the 2 old rivets by grinding off the ends and knocking them out with a punch.
2. Place the new ball joint through the hole in the a-arm and bolt in place with the new nut.
3. Place 2 new rivets in their holes in ball joint and a-arm.
4. Bolt the riveting fixture through the rubber bumper hole in the a-arm with the included bolt, lining up the end away from the mounting bolt with 1 new round head rivet in the ball joint and a-arm.
5. Tap the fixture on the side (not the end) away from the ball joint, tightening it against the rivet.
6. Clamp the riveting fixture in your vise with the rivet point being worked on facing side ways (towards you).
7. Steady the a-arm by pulling the side being worked on towards you.
8. Using an air hammer and riveting bit (lics #55-42c) peen over the end of the rivet. (the bit will automatically shape the rivet end like the originals.)
9. Move the riveting fixture to the other rivet in the other hole in the ball joint and a-arm and repeat steps 5-8.

