

Stock Replacement Lower Control Arms For 2007+ Tundra (part# 87555)

And 2008+ Land Cruiser 200 Series (part# 87505)

Note: The **optional** lower control arm skid plates will not clear 17" wheels with any more than a 5 ½" backspace unless you install wheel spacers. The skid plates will also not clear 18" wheels with any more than 5 ¾" backspacing unless you install wheel spacers. Check wheel clearance before driving.

Before you start disassembly

- Make sure the vehicle is secure on jack stands and ready to work on.
- The vehicle suspension should be at max extension.

Disassembly:

- Remove the front wheels
- Remove the lower shock bolts using a 22mm wrench or socket.



- Remove the bolt that connects the sway bar link to the stock lower control arm using a 19mm wrench or socket.



- Loosen (do not remove) the two cam bolts that connect the lower control arm to the vehicle using a 24mm wrench or socket.



- Remove the two bolts that hold the ball joint cradle to the steering knuckle using a 22mm wrench or socket.



- Let the lower control arm pivot down into a vertical position, then remove the two bolts that hold the control arm to the frame, and remove the stock lower control arm from the vehicle.



- After removing the lower control arm, remove the cotter pin and ball joint nut using a 24mm wrench or socket, then use a hammer to shock the stock ball joint cradle and separate it from the ball joint. If this does not work, you can use a pickle fork to remove the cradle.
- Once the Ball Joint cradle is removed from the vehicle, mark the steering stops with a light colored marker so you know what needs to be removed.



- Cut the steering stops off of the Ball Joint cradle using either a band saw, hack saw, reciprocating saw, or a disc cutter.



- Sand off any rough edges from cutting the steering stops off.



- Paint the sanded area so the modified cradle doesn't rust.



- Install the supplied bushings, inner sleeves, and zerk fittings into the new lower control arm, then install the new arm on the vehicle (it make take the use of a dead blow hammer to get the arm into the frame pockets).



- Install the alignment cam bolts that connect the lower control arms to the frame.



- Install the short misalignment in the top of the uniball, the large misalignment into the bottom of the uniball (tapered side down), slide the modified ball joint cradle onto the tapered misalignment, then slide the bolt from the top through all of the pieces then install the washer and tighten the nut using a 5/8" allen wrench and 1 1/8" wrench or socket (110ft/lbs).



- Swing the lower control arm up into the horizontal position and install and tighten the lower shock bolt using a 15/16" wrench or socket, this will hold the control arm in place.



- Lower the knuckle onto the ball joint cradle, install the ball joint cradle bolts using a 22mm wrench or socket, and tighten to 100ft/lbs.



- Install the sway bar link into the new lower control arm pocket and install the factory bolt using a 19mm wrench or socket (this process may be easier to do when the vehicle is on the ground with the suspension at ride height).



Reminders before driving-

- *Using a tape measure set toe 1/8" to 3/16" toed in on the front and lock down jam nuts before driving (This will allow you to test drive and get to the alignment shop).
- * Re-torque should be done after 500 to 1000 miles.
- * Torque all lug nuts before driving.
- * Do a visual on Complete install before driving!!
- *Get an alignment from a qualified shop that has aftermarket suspension knowledge.

Part Number	Description	Quantity
87555L	Lower Arm 2007-2015 Tundra Stock Length Left	1
87555R	Lower Arm 2007-2015 Tundra Stock Length Left	1
10342	Bolt 3/4"-16x4.25" Custom Misalignment	2
10034C	1"-3/4" Hi Misalignment Spacer Custom	2
10034TUN	07 Tundra Lower Tapered Adapter	2
12304	Washer 3/4" SAE	2
11302	Nut 3/4"-16 C-Lock	2

10005	Zerk Fitting 1/4"-28 90 Degree	4
69610	Bump Stop Spacer	4
60893	07+ Tundra Bushing (Long)	2
60892	07+ Tundra Bushing (Short)	6
69705	Inner Sleeve 07 Tundra Lower Short	2
69704	Inner Sleeve 07 Tundra Lower Long	2
10110	Bolt 5/8"-18x10"	2
12103	Washer 5/8" AN	4
11101	Nut 5/8" Nylock	2
10180	Bolt 5/8"-18x8"	2
FK-WSSX16T-1	1" Stainless Uniball	2
30604	Snap Ring 1" Uniball	2