



PART#'S

A: 410520/ 410730/ 411120/ 411420

413130 / 413710 / 415320 /712120

B: 412120/ 710515/ 713120/ 713210

C: 710120



1 HOUR INSTALL TIME
2 HOURS IF CUTTING IS REQUIRED

Components

(2) SHACKLES

(2) SELF-TAPPING GREASE FITTINGS

*These shackles do not come with bushings or grease fittings

Please double check the parts list before beginning installation to ensure all parts are present. If there is something missing, please contact Maxtrac Suspension (714) 630-0363. Please have the boxes present if parts are missing or damaged

PRIOR TO INSTALLATION:

1. Factory service manual is recommended to have on hand.
2. Secure and properly block vehicle prior to beginning installation.
3. Always wear safety glasses when using power tools or working under the vehicle
- 4 Modification to any part will void the warranty associated with that product

AFTER REMOVING PARTS FROM VEHICLE, SAVE HARDWARE FOR REINSTALLATION

NOTE:

*THE GREASE FITTINGS PROVIDED ARE SELF TAPPING. USE A CLOSED END WRENCH AND APPLY PRESSURE WHEN INSTALLING.

*CERTAIN APPLICATIONS WILL REQUIRE THE RIB OR BED SEAM UNDER THE BED TO BE CUT OFF.

*CERTAIN APPLICATIONS WILL REQUIRE THE TRAILER HITCH TO BE REMOVED IN ORDER TO REMOVE THE SHACKLE BOLTS.

*INSTALL TIMES ARE BASED ON REMOVING THE UPPER SHACKLE BOLT BETWEEN THE BED AND FRAME. INSTALL TIME WILL INCREASE IF YOU DECIDE TO REMOVE THE LEAF SPRING.

*AXLE SHIMS MAY BE NEEDED IF DRIVE LINE VIBRATION IS EXPERIENCED. IN THIS CASE, A 2 DEGREE SHIM WILL USUALLY TAKE CARE OF THE VIBRATION.

Step 1 Jack up the rear of the truck and support under the frame rails with jack stands. Keep an adjustable jack under the rear diff for height adjustment.



Step 2 Remove the nuts from from both shackle bolts on both sides and set aside for re-installation.

Step 3 Some applications will require the trailer hitch to be removed in order to remove the shackle bolts. If this is your case, then remove the hitch now.



Step 4 First remove the lower shackle bolt on both sides and then jack the axle up until the eye of the leaf spring hits the bottom of the bed.



Step 5 Remove the upper bolts and then the shackles.
NOTE: If there is a bed seam directly above the shackle, then it will need to be cut and bent in order to get the bolt high enough to remove between the bed and top of the frame. Some applications may require the bed bolts to be loosened and the bed to be lifted up.



Step 9 Certain applications will require a bed rib to be cut and removed if it is above the shackle. Cut a suitable section out and then install the new shackle. **NOTE: DO NOT TIGHTEN THE SHACKLE BOLTS UNTIL THE TRUCK IS BACK AT RIDE HEIGHT.**