



JK TRANSMISSION CROSSMEMBER INSTALLATION INSTRUCTIONS



**Please read the mounting instructions below
carefully before attempting to install.**

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uct online. If you have any questions or are missing parts, please
don't hesitate to call us at 269-353-1184!

JKSD-XM-PC - TRANSMISSION CROSSMEMBER - JK (07-16)

Item Code Legend

EX: JKSD-XM-PC

SD : Skid

XM : Crossmember

PC : Powdercoat



Additional Parts
NONE

Bolt Pack:

JKSD-XM-BP

- o 5 - 1/2 x 1.5 Hex
- o 5 - 1/2 Washer

Tools Needed:

- o 18mm Socket
- o 18mm Wrench
- o 16mm Socket
- o 3/4 Socket
- o Torque Wrench
- o Jack Stand

Optional Tools;

- o Socket Extensions
- o Automotive Jack
- o More Jack Stands

It is always best to trial install before painting/finishing to ensure proper fit. If we need to make a repair/modification will not be responsible for finishes

1 If needed, lift and support the JK so you have enough space to work and get to all the crossmember bolts.

2 Using a 18mm socket to remove the bolts in the automatic transmission skid/brace, if installed.
This is mounted by one bolt on each frame rail and one on the crossmember.



3 Still using the 18mm socket remove the four bolts holding the transfer case skid, if installed.
There are two in the crossmember, one on the frame rail and one on the fuel tank bracket.



- 4** Continuing with the 18mm socket, remove the two factory fuel tank skid bolts in the crossmember.



- 5** Switching to the 16mm socket, to remove the three bolts through the crossmember that hold the transmission mounting bracket to the crossmember.



- 6** Secure the transmission and transfer case with jack stand. We recommend placing the jack one the flange of the on the bottom of the transfer case.



- 7** Using the 18mm socket and 18mm wrench to remove the bolts holding the crossmember to the frame. There are two on each side.



8 Pry the crossmember out and chuck it as far away as you can from you JK.



9 Install new Crossmember with the bump-out facing to the back of your JK, into the mounting brackets on each frame rail. Place the long 18mm bolts back through the crossmember, two on each side. Once all the bolts are in and the nuts threaded, tighten them all down.



- 10** Remove the jack stand holding the transfer case and transmission up and let the transmission rest on the new crossmember. Thread the 16mm bolts back through the crossmember and into the transmission mount. Use the 16mm socket through the crossmember to tighten down those bolts.



- 11** Lift the transfer case skid back into place and thread the 18mm bolts back into the frame rail and the fuel tank mount. Use the 1/2 bolts included with the new crossmember for the mounts into the crossmember.

- 12** Lift the front transmission skid/brace and thread the 18mm into the frame rails and the 1/2 bolts into the crossmember.

- 13** Lastly, torque all the bolts down to 35 foot pounds.

* **NOTE:** If you are going to be installing our collection of skid plates, do that now. We would recommend installing them in the following order. 1st: Transfer Case Skid 2nd: Gas Tank Skid 3rd: Engine Skid 4th Any reaming skids. Any questions call about this instillation, call use are 269-353-1184 or email us at Tech@jcroffroad.com.