



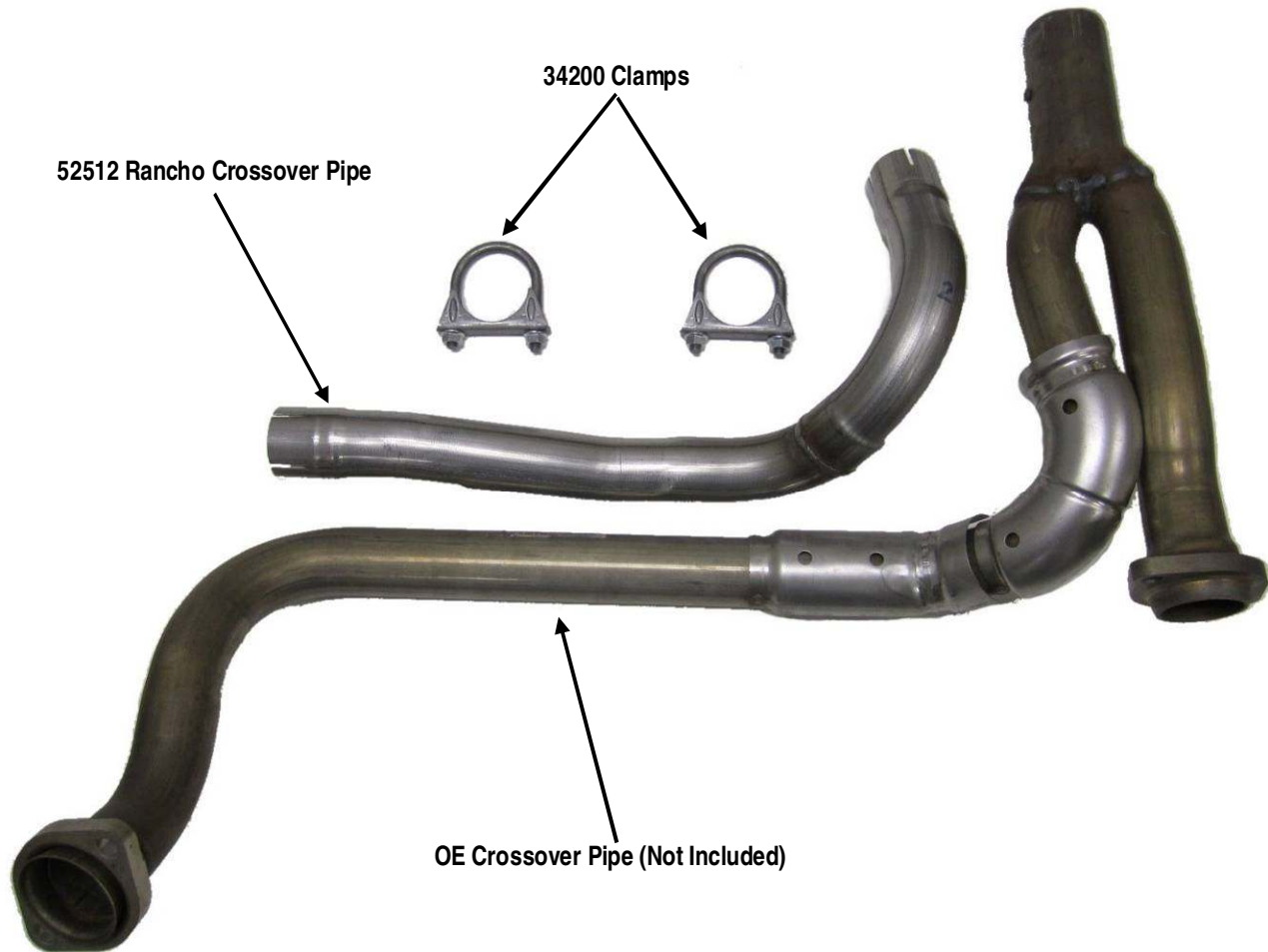
**Rancho Crossover Pipe Kit RS720003:**

2016-2012 Jeep Wrangler JK with 3.6L

Prevents contact between the exhaust cross over pipe and front drive shaft for 2 – 5 in. lifted 16-12 Jeep Wranglers with 3.6L V6 engine.

During high articulation events, the front drive shaft may contact exhaust, transmission cross-member brace, or transmission oil pan. A smaller diameter drive shaft is suggested for optimal performance. Rancho recommends Powertrain Industries drives shafts: Powertrain Industries, Garden Grove, CA.1-800-798-4585.

11003 Rev C



**PARTS LIST**

<u>P/N</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
52512	Pipe	1
34200	Clamp	2
11003	Instructions	1

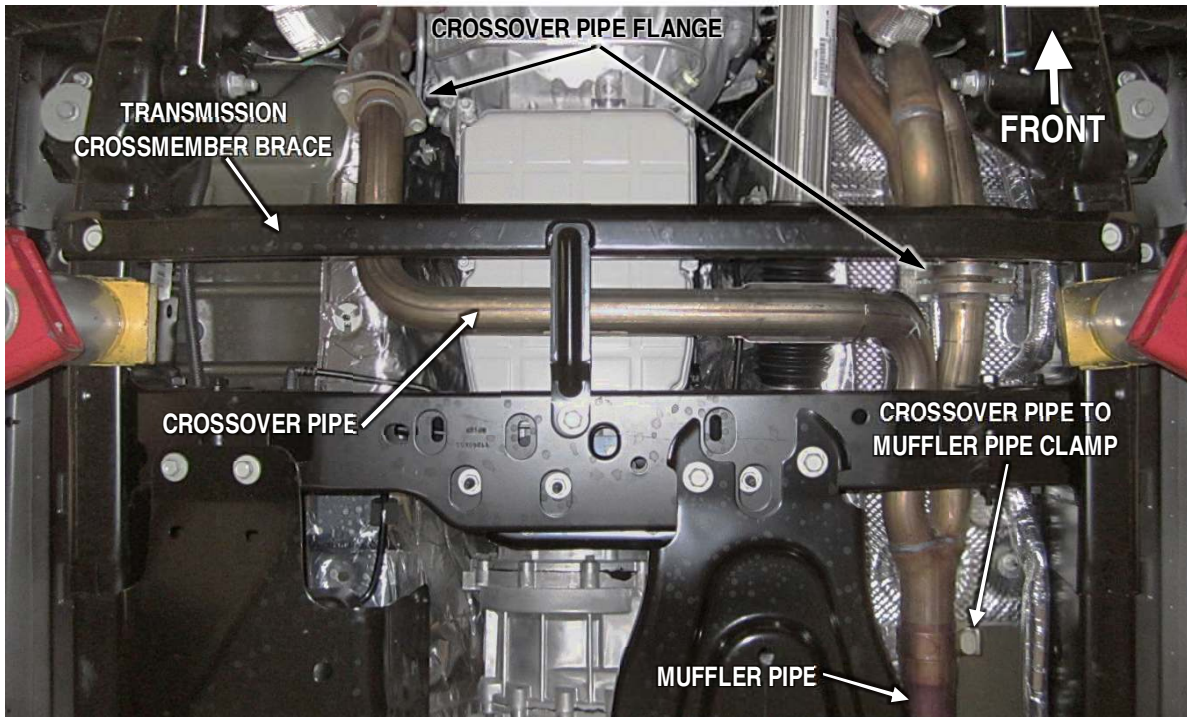


Illustration 1

**WARNING – Do not attempt to cut exhaust while installed on vehicle; damage to oil pan, wiring and brake lines can result.**

- 1)  Park vehicle on a level surface. Set the parking brake and chock rear wheels.
- 2)  Raise the front of the vehicle and support the frame with jack stands.
- 3)  Raise the rear of the vehicle and support the frame with jack stands.
- 4)  If equipped, remove the transmission cross member brace. See Illustration 1.
- 5)  Loosen the rear crossover pipe to muffler pipe clamp. See Illustration 1.
- 6)  Pry muffler pipe back to disengage from crossover pipe. - It may be necessary to remove the exhaust from the rubber mounts
- 7)  Remove bolts from driver and passenger side crossover pipe flanges. See Illustration 1.
- 8)  Remove crossover pipe.
- 9)  Mark and cut driver side of crossover pipe 10" from end of pipe. See Illustration 2.
- 10)  Mark and cut passenger side of crossover pipe 5" from bend. See Illustration 3.



Illustration 2

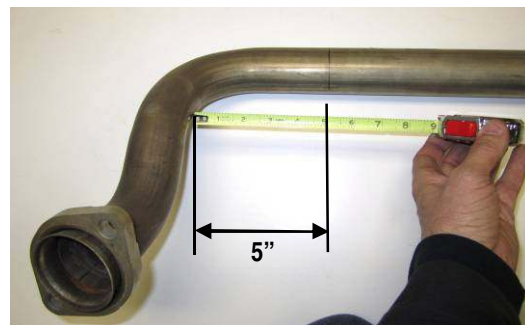


Illustration 3

- 11)  Install driver side section of cut crossover pipe on muffler pipe. Make sure crossover pipe is fully engaged on muffler pipe.
- 12)  Line up flanges and loosely install flange bolts. Tighten crossover pipe to muffler pipe clamp.
- 13)  Slide Rancho Exhaust Pipe onto cut end of driver side crossover pipe. Do not clamp.
- 14)  Slide cut end of passenger side crossover pipe into Rancho Exhaust Pipe.
- 15)  Line up flanges and loosely install flange bolts.
- 16)  Install and tighten supplied clamps. Align driver side clamp so nuts face to the side toward the driveshaft. Align passenger side clamp so nuts face down. See illustration 4.
- 17)  Tighten four flange bolts. Re-torque all clamps.

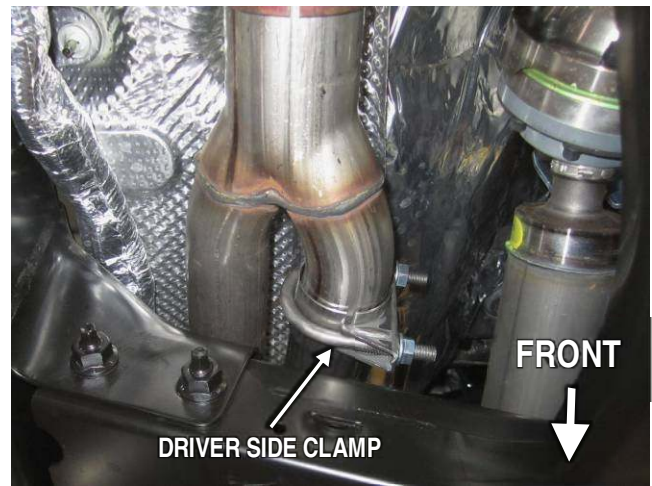
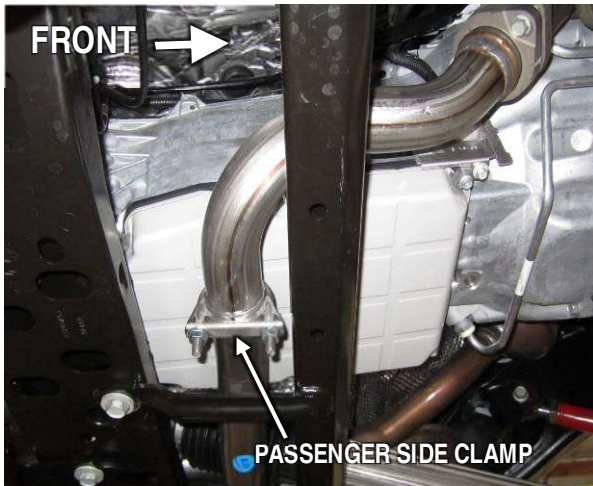
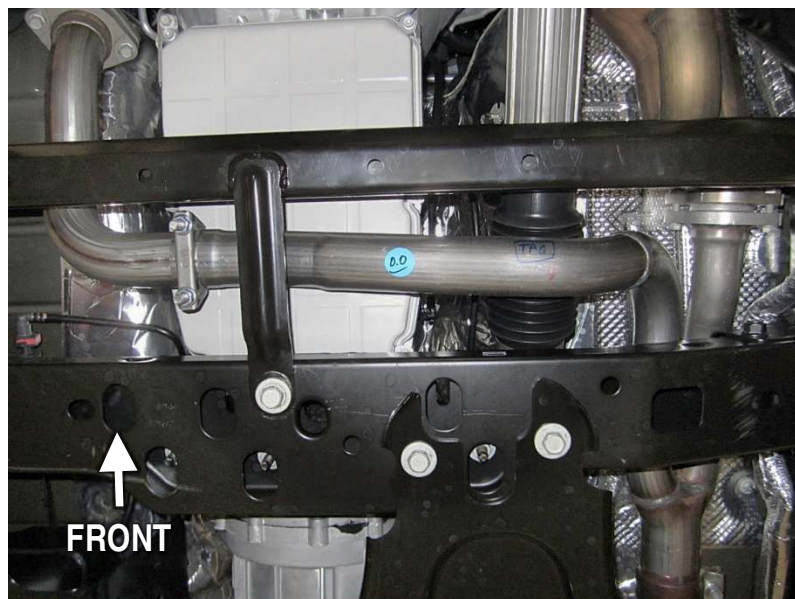


Illustration 4



Installed Rancho Crossover Pipe



Rancho Technical Department 1-734-384-7804.