



Detroit Speed, Inc.
Rack & Pinion Hardline Conversion Kit
P/N: 091305, 091306 & 091307

The DSE rack & pinion fluid transfer conversion kit will replace the hardlines on your DSE rack & pinion using -4 AN steel fittings. The hoses are Teflon lined to handle the high pressure demands of the steering system and come with pre-crimped stainless steel fittings to attach to the -4 AN fittings.



Figure 1 - P/N 091307 shown

Item	Part Description	Quantity
1	Stainless -4 AN Rack & Pinion Fluid Transfer Hose, Short	1
2	Stainless -4 AN Rack & Pinion Fluid Transfer Hose, Long	1
3	1/4" Male JIC x 8mm/M12x1.0 Port - Steel Hydraulic Fitting	4
4	6" Black Nylon Cable Tie	2
5	Instructions	1

Installation Instructions:

1. Remove the standard hardlines from your DSE rack & pinion. Make a note which hardline attached to the fittings at the pinion gear in order to replace each line correctly.
2. Install each of the four -4 AN steel fittings into the rack & pinion ports and torque each fitting to 14 ft. /lbs.

3. Attach each fluid transfer hose to the correct fittings on the rack tube and at the pinion gear (Figure 2).

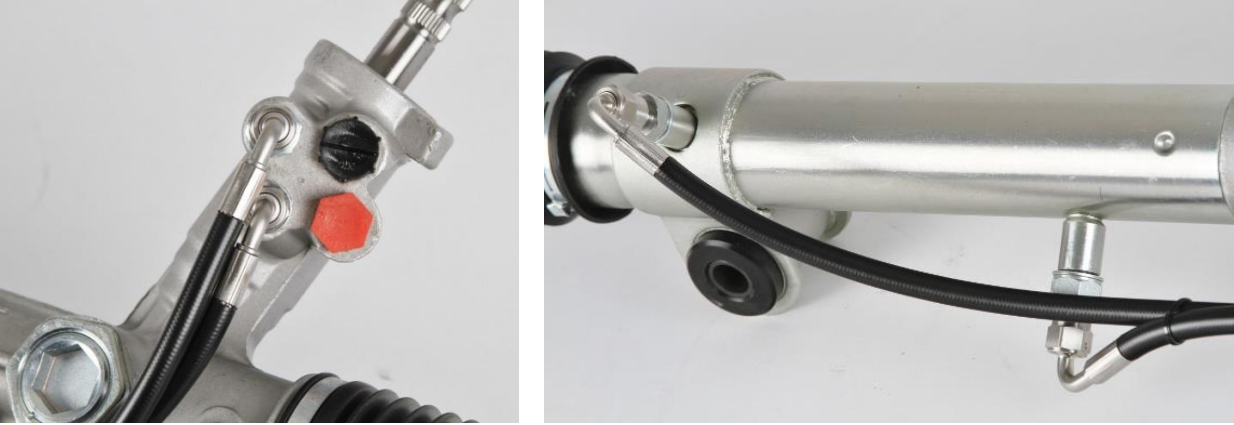


Figure 2 – Attach Fluid Transfer Hoses

4. Position the hoses and use the black cable ties to keep the hoses together. Torque the hose fittings to 12ft. /lbs. (Figure 3).



Figure 3 – Secure Fluid Transfer Hoses

5. Remove the trapped air by filling the system with power steering fluid. With the engine off, slowly turn the steering wheel from full left lock to full right lock. **NOTE:** Avoid hard steering input into full lock positions. Check the fluid level and maintain it at the “full” mark or 1/2” to 3/4” above the reservoir inlet. Repeat this step 3 to 4 times. Start the engine and repeat these steps again 3 to 4 times. Turn the engine off and re-check the fluid levels.

If you have any questions before or during the installation of this product please contact Detroit Speed Inc. at info@detroitsspeed.com or 704.662.3272

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