

February 08, 2010

TO: ALL CHRYSLER AND DODGE DEALERS
FROM: SERVICE OPERATIONS
SUBJECT: RAPID RESPONSE TRANSMITTAL/SERVICE ACTION #10-006
Steering Wheel Returnability

INVOLVED VEHICLES:

2009 (LX) 300/300C/Charger/SRT
2009 (LC) Challenger/SRT

NOTE: This Service Action affects both sold and unsold vehicles.

NOTE: The VIN List is available on DealerCONNECT for all affected dealers. The VIN List has been inserted in the Service Tab under Rapid Response Transmittals. The dealers receiving the Rapid Response Transmittal Service Action are the "Ship To" dealers and the VIN's listed are specific to their dealership. All involved vehicles will be loaded into the VIP system.

NOTE: This should be a top priority and be completed prior to sale to avoid suspect vehicles being delivered to customers.

DISCUSSION:

The customer may experience less than desired steering wheel returnability efforts during below freezing temperatures. Dealers are to verify that the vehicle is not equipped with an external power steering cooler and if not equipped install the external power steering cooler and return lines which will reduce the systems back pressure.

PARTS REQUIRED:

(1) AR	05137721AA	Cooler, Power Steering (Non-SRT)
(1) AR	68017995AA	Cooler, Power Steering (SRT Only)
(1) AR	68067354AB	Hose, Power Steering Return (AWD Only)
(1) AR	68067353AB	Hose, Power Steering Return (SRT, 2.7L, 3.5L RWD Only)
(1) AR	04782362AC	Hose, Cooler to Reservoir (Non-SRT)
(1) AR	04854545AA	Hose, Cooler to Reservoir (SRT Only)
(1) AR	68066627AB	Hose, Power Steering Return (5.7L RWD Only)
2	05137778AC	Retainer Package, Power Steering Cooler
6	6504737	Rivets, Plastic

SPECIAL TOOLS / EQUIPMENT REQUIRED:

1	C-4207A	Hand Vacuum Pump or Equivalent
1	9688 or 9688A	Power Steering Cap Adaptor

INSPECTION PROCEDURE:

1. Remove the radiator cover.
2. Looking between the radiator support bar and the fascia verify if there is an external power steering cooler installed on the vehicle. Was there an external power steering cooler installed (Fig.1)?
 - a. **NO** – Proceed to the repair procedure.
 - b. **YES** – Install radiator cover and return the vehicle to dealer inventory or the customer.

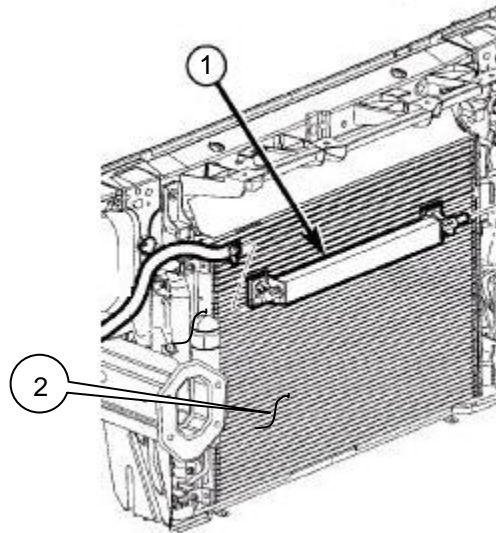


Figure 1- Power Steering Cooler

1	External Power Steering Cooler
2	A/C Condenser

REPAIR PROCEDURE:

1. Remove the Front Fascia. Refer to the detailed removal procedures available in DealerCONNECT > TechCONNECT under: Service Info > 23 - Body > Frame and Bumpers> Bumpers > Fascia, Front> Removal.
2. If this vehicle is a?
 - a. LC proceed to step #3
 - b. LX proceed to step #4
3. Remove the Front Air Dam. Refer to the detailed removal procedures available in DealerCONNECT > TechCONNECT under: Service Info > 23 - Body> 13 - Frame and Bumpers > Bumpers > AIR DAM, Front > Removal.
4. Remove the Belly Pan. Refer to the detailed removal procedures available in DealerCONNECT > TechCONNECT under: Service Info > 23 - Body > Exterior > BELLY PAN > Removal.

5. Remove the left and right cooler baffles (Fig.2).

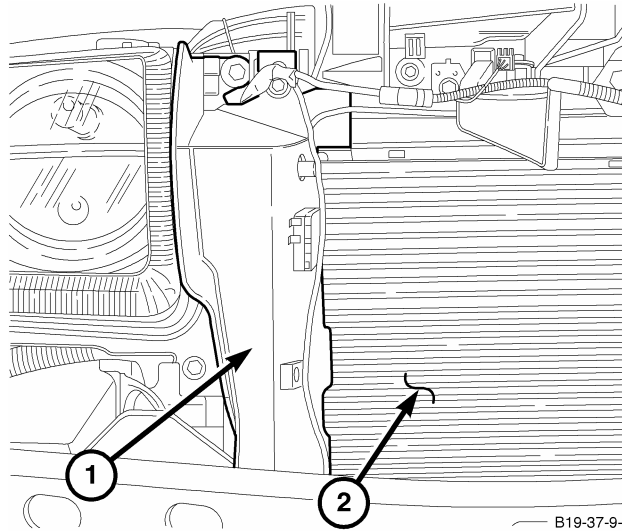
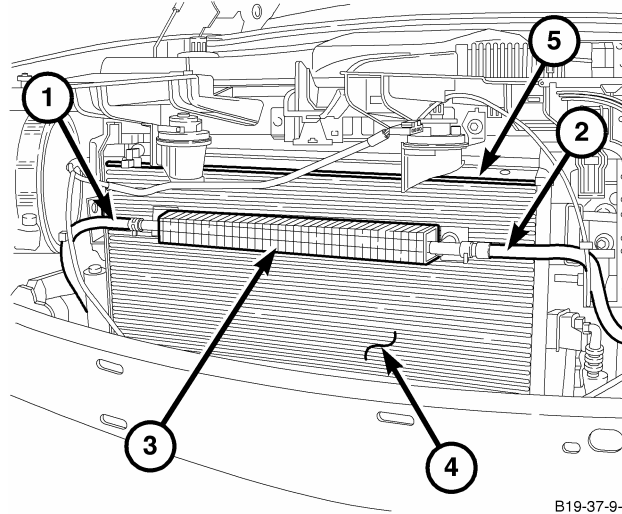


Figure 2- Baffle (Right Side Shown)

1	Baffle
2	Tri-Cooler

6. Remove (4) Condenser mount screws and tilt the assembly forward. As shown in DealerCONNECT> TechCONNECT under: Service info > 24 - Heating and Air Conditioning/Plumbing/CONDENSER, A/C - Removal> Step 10.
7. Remove the power steering return line hose and cooler clamp from the cooler. As shown in DealerCONNECT> TechCONNECT under: Service info > 24 - Heating and Air Conditioning/Plumbing/CONDENSER, A/C - Removal> Step 5 number 10.
8. Loosen the return line nut at the power steering rack. As shown in DealerCONNECT> TechCONNECT under: Service info > 19 - Steering > Pump > HOSE, Power Steering, Return > Removal > GEAR TO COOLER > Step 7.
9. Is this vehicle a SRT:
 - a. **YES** – Proceed to step 11.
 - b. **NO** – Proceed to step 10.

10. For all models except SRT: Using both cooler mounting clips, center the new power steering cooler (p/n 05137721AA) and mount between fins 6 and 7 from the top of the condenser edge (Fig.3).



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Figure 3- Power Steering Cooler

1	Power Steering Return Hose
2	Power Steering To Reservoir Hose
3	Power Steering Cooler
4	Tri-cooler
5	First Cooler Fin

11. For SRT vehicles only: Using both cooler mounting clips, center the new power steering cooler (68017995AA) and mount between fins 11 and 12 from the top of the condenser edge (Fig.4).

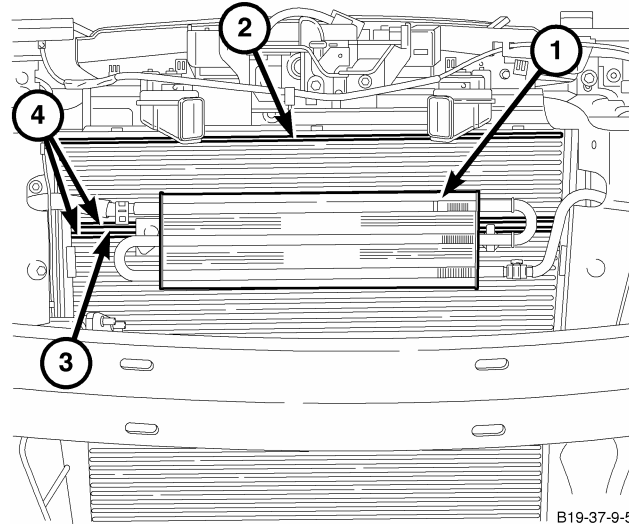
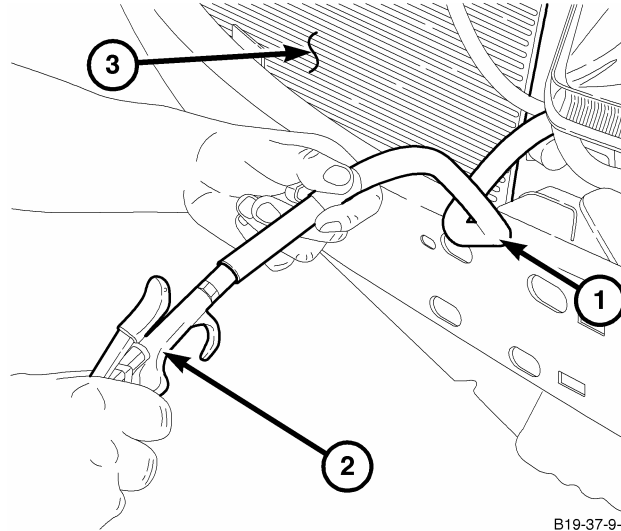


Figure 4- SRT Power Steering Cooler

1	SRT Power Steering Cooler
2	First Cooler Fin
3	Power Steering Cooler Mounting Location
4	Cooler Fins 11 and 12

12. Reinstall all (4) mounting screws for the cooler.
13. Remove the Air Box. Refer to the detailed removal procedures available in DealerCONNECT> TechCONNECT under: Service info > 9 - Engine > Air Intake System > Body, Air Cleaner > Removal.
14. Siphon power steering fluid from pump reservoir.

15. Remove the power steering return hose connected to the steering reservoir and using a safety regulated rubber tipped blow gun, extract the remaining power steering fluid in the tri-cooler at 5 psi (Fig.5).



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Figure 5- Flush The Fluid

1	Existing Cooler To Reservoir Hose
2	Safety Regulated Rubber Tipped Blow Gun
3	Tri-cooler

16. Remove the return hose from the cooler and discard.
17. Install new cooler to reservoir hose. Refer to the detailed Installation procedures available in DealerCONNECT > TechCONNECT under: Service Info > 19 - Steering > Pump > HOSE, Power Steering, Return > Installation> COOLER TO RESERVOIR.
18. Install new power steering gear to cooler hose. Refer to the detailed Installation procedures available in DealerCONNECT > TechCONNECT under: Service Info > 19 - Steering > Pump > HOSE, Power Steering,Return > Installation > GEAR TO COOLER.

19. Install the black protective boots on the old inlet and outlet ports of the power steering cooler and secure them with zip ties as shown in (Fig.6).

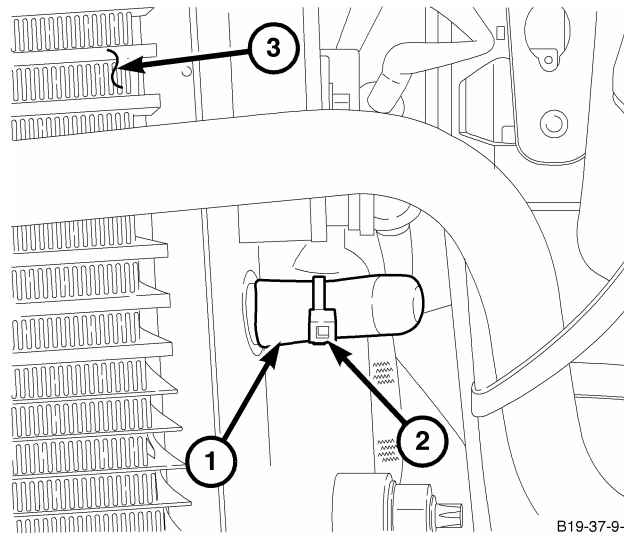


Figure 6- Boot Cover

1	Protective Boot
2	Zip-tie
3	Tri-cooler

20. Bleed and fill power steering system as required. Refer to the detailed procedures available in DealerCONNECT > TechCONNECT under: Service Info > 19 - Steering > Standard Procedure > Power Steering System Bleeding.
21. For LX vehicles only: Re-install the cooler baffles on the left and right side (Fig.2).
22. For LC vehicles only: Install the Front Air Dam. Refer to the detailed removal procedures available in DealerCONNECT > TechCONNECT under: Service Info > 23 - Body > 13 - Frame and Bumpers > Bumpers > AIR DAM, Front > Installation.
23. Install the Front Fascia. Refer to the detailed removal procedures available in DealerCONNECT > TechCONNECT under: Service Info > 23 - Body > Frames and Bumpers > Fascia, Front > Installation.
24. Install the Belly pan. Refer to the detailed installation procedures available in DealerCONNECT > TechCONNECT under: Service Info > 23 - Body > Exterior > BELLY PAN > Installation.

POLICY: Reimbursable within the provisions of the warranty.

NOTE: USE OF THE LABOR OPERATION INCLUDED WITH THIS SERVICE ACTION ON VEHICLES OTHER THAN THOSE INVOLVED MAY BE SUBJECT TO CHARGE BACK.

TIME ALLOWANCE:

LABOR OPERATION NO:

19-50-20-94	Inspect Only	0.2 Hrs.
19-50-20-92	Cooler, Power Steering, Install (LX Models) (B)	1.1 Hrs.
19-50-20-93	Cooler, Power Steering, Install (LC Vehicles) (B)	1.3 Hrs.

FAILURE CODE: ZZ - Service Action

If you have any questions, contact your Business Center.