

Power Steering Reservoir “O”-Ring Service Update



If Not Checked, P/S O-Ring May Get To Pump And Cause Damage

Recently we have seen where the power steering pump starts to make noise. When diagnosed, it is determined the pump needs to be replaced.

While replacing the pump the first step generally is to remove the lines and drain the fluid, which when done with the suction line revealed a long slender piece of rubber which was lodged in the veins of the pump. (FIGURE#1)

FIGURE #1 shows the line when the hose was removed, and FIGURES #2 & #3 show the piece stuck in the veins.

Initially it was thought that the piece might have come from inside the hose, but further investigation show it was smooth and appeared to be an “O”-Ring

ALL of our Service Updates can be found on the [New York Bus Sales website](#)
Or at the [New York Head Mechanic website](#)



Once it was determined to be part of an “O”-Ring we needed to see where it came from. Going back to where the line originates at the reservoir we knew that it must be part of the reservoir, but where? Removing the cover revealed that “O”-Ring for the cover (Key #5/Figure #4) was missing and had fallen into the reservoir at some point and been sucked into the pump.

FIGURE #1



FIGURE #2



FIGURE #3

ALL of our Service Updates can be found on the [New York Bus Sales website](#)
Or at the [New York Head Mechanic website](#)

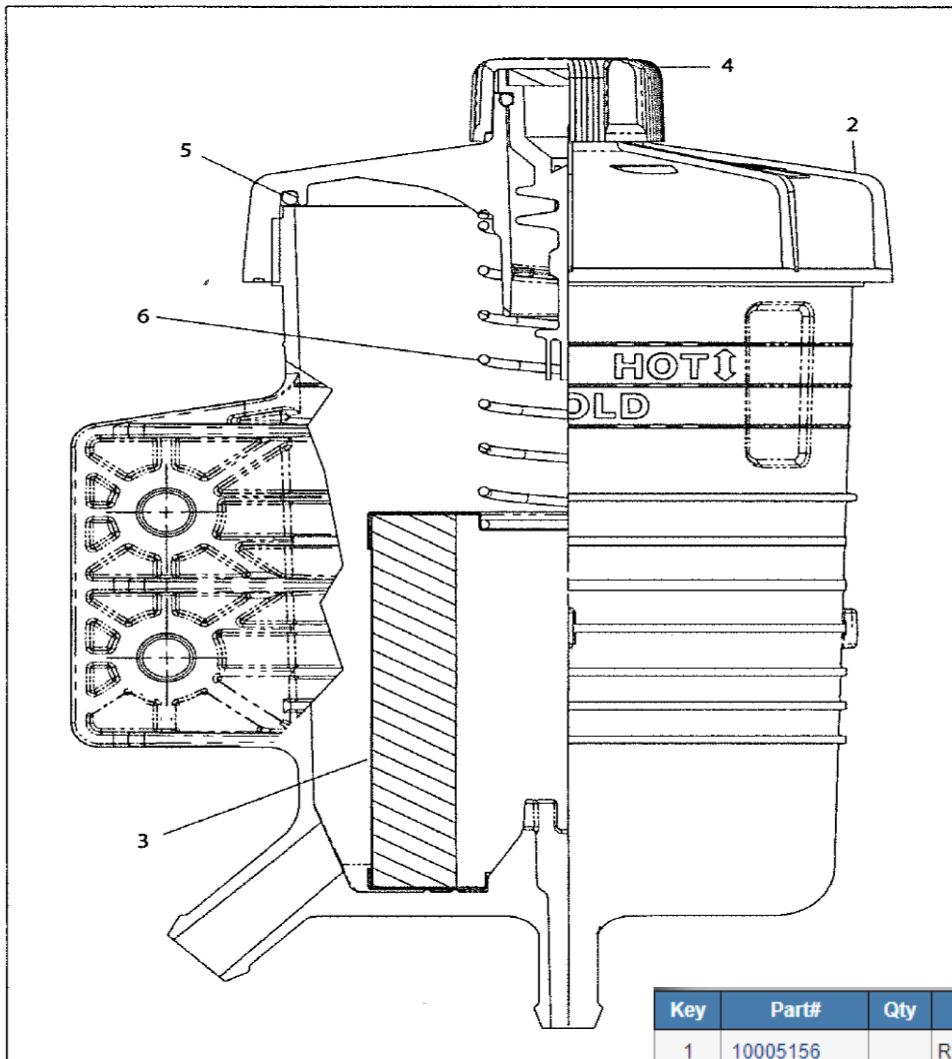


FIGURE #3

Key	Part#	Qty	Description
1	10005156		RESERVOIR,POWER STEERING,1.5 QT,
2	10012413		COVER,STEERING,RESERVOIR
3	10005525		FILTER,ELEMENT,PSR,510 MEDIA,870807A
4	10012412		DIPSTICK,STEERING,RESERVOIR
5	10012411		O RING,GASKET,STEERING RESERVOIR
6	10012410		SPRING,STEERING,RESERVOIR

We are not sure how the "O"-Ring came off or got into the reservoir but seeing as replacing the P/S filter is part of normal maintenance, your techs should be made aware that there is an "O"-Ring in the cover and that should it fall into the reservoir while servicing the filter, extensive damage could occur to the P/S pump.

ALL of our Service Updates can be found on the [New York Bus Sales website](#)
Or at the [New York Head Mechanic website](#)

CONTACT ANY OF OUR SERVICE LOCATIONS WITH QUESTIONS

**Director of Service
Ryan Hemund**

rhemund@newyorkbussales.com

Chittenango: 800-962-5768

Brian Lamaitis

blamaitis@newyorkbussales.com

Bob Reith

breith@newyorkbussales.com

Phil Tucker

ptucker@newyorkbussales.com

Albany: 866-867-1100

Ben Reiling

breiling@newyorkbussales.com

Batavia: 800-463-3232

Andrew Faskel

afaskel@newyorkbussales.com

ALL of our Service Updates can be found on the [New York Bus Sales website](#)
Or at the [New York Head Mechanic website](#)

