

SECTION 211-00B: Steering System — Hydraulic Power Assist Steering (HPAS)

2014 F-150 Workshop Manual

SPECIFICATIONS

Procedure revision date:
10/25/2013

Material

Item	Specification	Fill Capacity
Dye-Lite® ATF/Power Steering Fluid Leak Detection Dye 164-R3701 (Rotunda)	—	—
Motorcraft® MERCON® LV Automatic Transmission Fluid XT-10-QLVC (US); CXT-10-LV12 (Canada)	MERCON® LV	—

General Specifications

Item	Specification
Steering Gear — SVT Raptor Crew Cab and Base F150 Without Max Trailer Tow	
Ratio	17:1
Turns of steering wheel lock to lock (linkage disconnected)	3.26
Steering Gear — SVT Raptor Super Cab and Base F150 With Max Trailer Tow	
Ratio	20:1
Turns of steering wheel lock to lock (linkage disconnected)	3.74
Power Steering Pump	
Flow	3.0 gpm ± 0.2 @ 145 psi and 1,500 rpm
Minimum capacity	1.6 gpm @ 725 psi and 500 rpm
Relief pressure	1,400-1,520 psi
Power Steering Purge Vacuum	
Minimum vacuum	67-84 kPa (20-25 in-Hg)