

# Landing Gear and Nose Wheel Steering Parts

## New! Nose Wheel Steering Rod Boot and Hose Clamp

New!

Save Hundreds \$\$

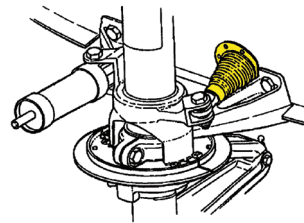
**For Cessna 182E thru 182T Aircraft**  
Improved! Extended Life and Better Fire Protection  
Boot P/N MC0713666-1 and Hose Clamp P/N MCS2357-2S

McFarlane has improved the design of both the boot and the retaining flange. The Cessna boot is prone to ripping and tears caused by fatigue and premature infrared heat related material break down. McFarlane has utilized a three ply material design incorporating both Kevlar and fiberglass, and a supple high temperature rubber coating. Kevlar and fiberglass work together to prevent wear, fatigue, and heat failures while providing extended fire protection at 2,000 degrees F. McFarlane has also upgraded the original aluminum flange to a stainless steel firewall material. The flange is included with the boot.

- Kevlar/Fiberglass composite for strength and fire protection
- Fire proof stainless steel flange
- Deeper convoluted design for better flexibility and longer life

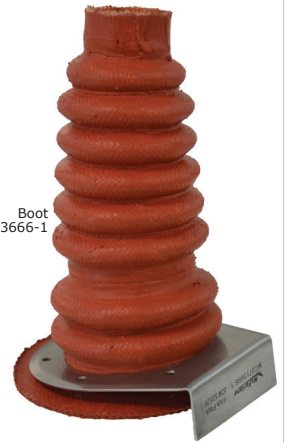
### Don't Forget the Clamp!

Cessna failed to list the clamp in the parts catalog, therefore people tend to use a nylon cable tie which will easily melt away with an engine fire. Always use metal clamp P/N MCS2357-2S to attach the boot to the steering link.



Clamp  
P/N MCS2357-2S

Boot  
P/N MC0713666-1



## Nose Wheel Steering Rod Boots for Cessna 150 thru Early 182 Aircraft

P/N MC0413304-3 for 150 thru 152 series  
P/N MC0543015-6 for 172, 175 and early 182 series

McFarlane 150 thru early 182 series steering rod boots are manufactured with a black Kevlar®/fiberglass blend fabric. The fatigue resistance of Kevlar is uniquely mated with the fire resistance of fiberglass. This is a super tough, high temperature fabric that will provide many years of outstanding performance.

- Keeps exhaust and carbon monoxide out of the cabin
- Protects the cabin in case of an engine fire



150 thru early  
182 series boot

These Bad  
Boys Can  
Take the  
Abuse!

## Nose Wheel Steering Rods for Cessna Aircraft

Tired of 'soft' worn out steering rods? Replace them with improved McFarlane steering rods.

- Redesigned long life springs!
- Stainless steel tubes for improved corrosion resistance (MC0543022 Series)
- Hardened internal washer for greater durability
- Optimum performance even after years of service!



MC0743008 Series



MC0543022 Series

### Maintenance Tip:

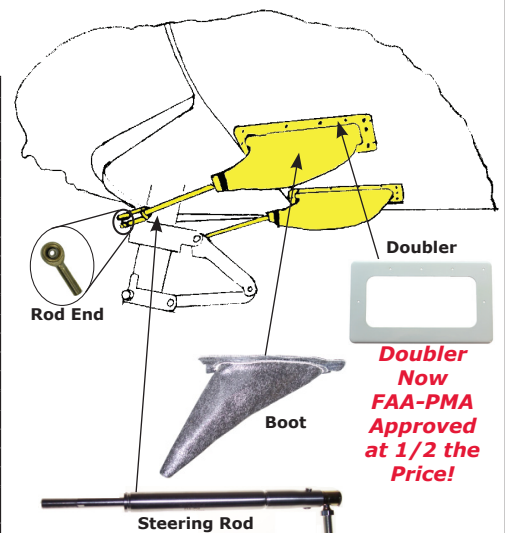
*How do I know if my steering rods need to be replaced?*

- Nose wheel steering is unusually sluggish.
- One or both sides offer little or no spring resistance to steering input.
- More than 1 1/8" of free travel is present in either steering rod.
- The aircraft pulls to either side during taxiing.
- Inconsistent steering or rudder rigging.

## Doubler for Cessna Aircraft

Doubler for 150-152 aircraft is now McFarlane FAA-PMA approved.

- White Poly Paint - ready to install
- 1/2 the price!



Doubler  
Now  
FAA-PMA  
Approved  
at 1/2 the  
Price!

Model	S/N	Boot (2 per A/C)	Steering Rod		Doubler (2 per A/C)	Rod End (2 per A/C)
			Left Hand	Right Hand		
150, 150A,B,C,D,E,F,G,H	All	MC0413304-3	MC0543022-3	MC0543022-4	MC0413304-6	S1107-3
150J,K,L,M	All	MC0413304-3	MC0543022-3	MC0543022-4	MC0413304-6	S1823-3
A150K,L,M	All	MC0413304-3	MC0543022-3	MC0543022-4	MC0413304-6	S1823-3
F150F,G,H	All	MC0413304-3	MC0543022-3	MC0543022-4	MC0413304-6	S1823-3
F150J,K,L,M, FA150K,L	All	MC0413304-3	MC0543022-3	MC0543022-4	MC0413304-6	S1823-3
FRA150L,M	All	MC0413304-3	MC0543022-3	MC0543022-4	MC0413304-6	S1823-3
152, A152, F152, FA152	All	MC0413304-3	MC0543022-3	MC0543022-4	MC0413304-6	S1823-3
172, 172A	All	MC0543015-6	MC0543022-1	MC0543022-2	0543026-1	S1107-3
172B,C	All	MC0543015-6	MC0743008-1	MC0743008-2	0543026-1	S1107-3
172D,E,F,G,H,I,K,L,M,N,P,Q	All	MC0543015-6	MC0543022-1	MC0543022-2	0543026-1	S1823-3
F172D,E,F,G,H,K,L,M,N,P	All	MC0543015-6	MC0543022-1	MC0543022-2	0543026-1	S1823-3
FP172	All	MC0543015-6	MC0543022-1	MC0543022-2	0543026-1	S1823-3
FR172E,F,G,H,J,K	All	MC0543015-6	MC0543022-1	MC0543022-2	0543026-1	S1823-3
P172	All	MC0543015-6	MC0543022-1	MC0543022-2	0543026-1	S1823-3
R172K	All	MC0543015-6	MC0543022-1	MC0543022-2	0543026-1	S1823-3
172R,S	All	MC0543015-6	MC0543022-1	MC0543022-2	0543026-1	S1823-3
175, 175A,B,C	All	MC0543015-6	MC0743008-1	MC0743008-2	0543026-1	S1107-3
177, 177A,B	All					S1823-3
182, 182A,B,C,D	All	MC0543015-6	MC0743008-1	MC0743008-2	0543026-1	S1107-3
182E,F,G,H,I,K,L,M,N,P,Q,R,S,T F182P,Q, T182, T182T	All	MC0713666-1	Hose Clamp P/N MCS2357-2S			

■ Quantity of one required per aircraft.