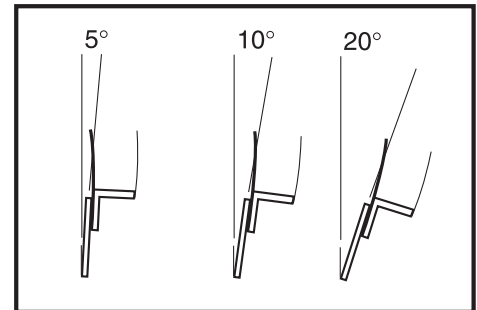


Dual Compression Trip Spring Assemblies for Full Moldboard Trip



Plow Model No.	Overall Length	Height w/ 3/8" x 8" C.E. High End	Height w/ 3/8" x 8" C.E. Low End	Approx. Weight (lbs)
MPFA30-47-10	130"	46 1/2"	30"	1280
MPFA39-52-10	130"	51 1/2"	39"	1450
MPFA30-47-11	142"	47"	30"	1350
MPFA39-52-11	142"	52"	39"	1540
MPFA30-60-11	158"	60"	30"	1680
MPFA39-52-12	154"	52"	39"	1640
MPFA30-60-12	170"	60"	30"	1900
MPR30-47-10	130"	46 1/2"	30"	1580
MPR39-52-10	130"	51 1/2"	39"	1750
MPR30-47-11	142"	47"	30"	1650
MPR39-52-11	142"	52"	39"	1940
MPR30-60-11	158"	60"	30"	1980
MPR39-52-12	154"	52"	39"	2040
MPR30-60-12	170"	60"	30"	2200

- Moldboard Thickness: 10 Gauge
- No. of 1/2" Vertical Ribs: 5
- Moldboard Reinforcing: 1 piece, 1/2" Flame Cut Ribs
- Moldboard Top Angle: 2" x 3" x 3/8"
- Adjustable Moldboard Pitch Settings: 5°, 10° & 20°
- Semi-Circle: 3 1/2" x 3 1/2" x 1/2" A36 Hot Rolled Angle
- Bottom Moldboard Angle: 3/4" x 4" x 4"
- Reversing Cylinders:
- Reversing Limits (left & right): 35°
- Plow to Table Hinge Points: 4
- Cutting Edge: 3/8" x 8" Top Punched
- Pivot Pin: 1 1/4" Stopped
- Cylinder Pins:
- Lift System: 2 Chain Lift



Force Required to Trip Moldboard

LIGHT TRIP **MEDIUM TRIP** **HARD TRIP**

Q) I plow a lot of rural highways. Is the one way full trip plow my best choice?

A) Used in both rural and metropolitan areas, the long, tapered moldboard allows the plow to lift and curl the snow which saves fuel and helps discharge the snow easier. This is a one-way plow, which means it's either tapered to discharge to the right or left. Can also be set up with a reversing table to permit cleanup at intersections. Because of the attack angle this will clean better and will not throw snow great distances. Most are manufactured to discharge to the right, but left discharge is an option.

MP311 & MP312

- Moldboard Thickness: 10 Gauge
- No. of 1/2" Vertical Ribs: 5
- Moldboard Reinforcing: 1 piece, 1/2" Flame Cut Ribs
- Moldboard Top Angle: 2" x 3" x 3/8"
- Adjustable Moldboard Pitch Settings: 9 positions from 9° to 35°
- Bottom Moldboard Angle: 3/4" x 4" x 4"
- Reversing Cylinders:
- Reversing Limits (left & right): 35°
- Plow to Table Hinge Points: 4
- Cutting Edge: 3/8" x 8" Top Punched
- Pivot Pin: 1 1/4" Stopped



Q) When should I choose Monroe's MP311 or MP312 plow?

A) Used in rural areas and because of the attack angle and the deeper throat it will discharge large amounts of snow. The deeper the throat also helps prevent snow blowing over the top onto the truck's windshield.

Plow Model No.	Overall Length	Intake Height at 9°	Discharge Height at 35°	Approx. Weight (lbs)
MP311	144"	27.5"/27"	53"/56"	1450
MP312	156"	26"/26"	54"/57"	1785

