

77-Series Master Cylinders

77-Series master cylinders offer the latest in racing master cylinder technology in very lightweight and compact design. The rear spherical bearing mount and one-piece piston/pushrod eliminate side thrust into the master cylinder bore, providing consistent and repeatable braking. 77-Series master cylinders are designed specifically for use with 900-Series pedal assemblies (pages 1-7) or balance bar P/N 72-280 (page 8).

Features:

- Reliable seal/piston design
- Billet aluminum body profile is optimized for each bore size, providing the highest levels of strength/stiffness while minimizing weight
- Hand-built and blueprinted for cut-off port travel. Cut-off port travel may be tuned for increased or decreased pedal free-play using variable thickness shims (sold separately).
- Spherical bearing (rear pivot) is positively retained with snap rings
- Proprietary low-friction coatings minimize wear and provide smooth operation
- 1.1" of stroke provides the fluid displacement needed for a wide variety of applications
- AN6 crush washer seal, 9/16"-18 thread inlet port
- AN3 (3/8"-24) outlet port
- Cylinder weight (varies by bore size): .30 lbs



Note: Shown with P/N 77-015 fitting (sold separately)

Bore Size	Part Number
5/8" (15.88 mm)	77-625
7/10" (17.78 mm)	77-700
3/4" (19.05 mm)	77-750
13/16" (20.64 mm)	77-812

Bore Size	Part Number
7/8" (22.23 mm)	77-875
15/16" (23.81 mm)	77-937
1" (25.40 mm)	77-1000

Optional Components

• Cut-off Port Shim Kits

Description	Part Number (5/8", 7/10", 3/4" bore)	Part Number (13/16", 7/8" bore)	Part Number (15/16", 1" bore)
.020" thick, 5 pack	77-412-20-5	77-414-20-5	77-416-20-5
.030" thick, 5 pack	77-412-30-5	77-414-30-5	77-416-30-5
.040" thick, 5 pack	77-412-40-5	77-414-40-5	77-416-40-5
.050" thick, 5 pack	77-412-50-5	77-414-50-5	77-416-50-5
.060" thick, 5 pack	77-412-60-5	77-414-60-5	77-416-60-5



• Fitting

Description	Part Number
Inlet fitting, 9/16"-18 crush washer seal to AN4 male	77-015



Service Parts

Bore Size	Pressure Seal	Pressure Seal Shim	Return Spring	Spring Guide Pin	Pivot Bearing
5/8" (15.88 mm)	75-310	75-060	75-010	75-020	COM-5
7/10" (17.78 mm)	75-311	75-061	75-010	75-020	COM-5
3/4" (19.05 mm)	75-312	75-062	75-010	75-020	COM-5
13/16" (20.64 mm)	75-313	75-063	75-010	75-020	COM-5
7/8" (22.23 mm)	75-314	75-064	75-010	75-020	COM-5
15/16" (23.81 mm)	75-315	75-065	75-010	75-020	COM-5
1" (25.40 mm)	75-316	75-066	75-010	75-020	COM-5