



77-Series master cylinders offer the latest in racing master cylinder technology in a 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 TB&C 900-Series pedal assemblies and balance bars.

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 optional shims.
- 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 inlet port.
- AN3 outlet port
- Weighs .30 lbs (varies by bore size)

Bore Size	Part Number
5/8" (15.88mm)	77-625
7/10" (17.78mm)	77-700
3/4" (19.05mm)	77-750
13/16" (20.64mm)	77-812
7/8" (22.23mm)	77-875
15/16" (23.81mm)	77-937
1" (25.40mm)	77-1000

Optional Components	Part Number
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Inlet Fitting

AN6 crush washer seal to AN4 male 77-015



Cut-off Port Shim Kits

Shim Thickness	5/8", 7/10", 3/4" bore	13/16", 7/8" bore	15/16", 1" bore
.020", 5 pack	77-412-20-5	77-414-20-5	77-416-20-5
.030", 5 pack	77-412-30-5	77-414-30-5	77-416-30-5
.040", 5 pack	77-412-40-5	77-414-40-5	77-416-40-5
.050", 5 pack	77-412-50-5	77-414-50-5	77-416-50-5
.060", 5 pack	77-412-60-5	77-414-60-5	77-416-60-5



Service Parts

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

