

COMPANIES THAT HAVE BEEN GRANTED EXEMPTION UNDER THE CALIFORNIA
REGULATIONS ON AFTERMARKET CATALYTIC CONVERTERS

Company/Code	E.O./Date	Type of Catalyst	Conversion Efficiency/ Emission Level			Application (Displ./ Equiv. Test Weight)	Part/Series Number
			HC	CO	NOx		
Perfection Auto Prod. Corp/PA (Walker subsidi- diary) (313) 425-3220	D-183-5 /4-22-93	TWC + OC TWC + OC as TWC	80.4 83.0	88.8 80.0	68.3 78.4	5.9L/5500 lbs. 5.7L/5500 lbs.	23080, 23081-3, 23093-4, 23070 23071-3, 23090, 23091
	D-183-6 /4-26-93 D-183-8 /1-7-94 (Revised)	TWC + OC as OC TWC	81.9 88.2	86.1 79.6	- 80.4	7.5L/7000 lbs. 3.8L/4250 lbs.	23075, 23077-8, 23079, 23087-9 23002, 23005, 23007-8, 23022, 23025, 23027, 23032, 23035, 23037-8
		OC TWC +OC as TWC	75.6 85.5	79.3 77.3	- 67.2	5.7L/4000 lbs. 3.8L/4250 lbs.	23012, 23015, 23017-8 23062, 23065, 23067-8 (Also marketed by Random Techno as 8XXXXX)
		TWC + OC TWC + OC as OC	80.4 79.1	73.0 93.0	55.0 -	5.0L/4250 lbs. 5.0L/4250 lbs.	23042, 23045, 23047-8, 23052, 23055, 23057, 23058 23042, 23045, 23047-8, 23052, 23055, 23057, 23058
		D-183-9 /4-25-95	TWC + OC TWC + OC as TWC TWC + OC as OC	89.1 88.1 83.4	85.0 75.6 74.8	53.0 74.4 -	5.9L/4500 lbs. 5.9L/4500 lbs. 5.9L/4500 lbs.
D-183 -10 /10-27-95	Precatalyst	- -	- -	- -	5.9L/4500 lbs. 3.0L/4500 lbs.	93000 (Max. for dual exhaust) 93000 (Max for single exhaust) (Also marketed by Car Sound as series 5000)	
Products For Power/PP (Walker Subsidiary) (517) 522-5500	D-177-1 /7-6-88	TWC + OC	81.8	94.4	58.8	5.0L/3750 lbs.	6000
	D-177-2 /7-11-88	TWC	84.8	78.3	63.4	3.8L/3625 lbs.	5000
	D-177-4 /9-14-89	OC	-	-	-	6.6L/4500 lbs.	4000 (Replaces Walker P/N 15109)
		TWC + OC as TWC TWC + OC	84.4 79.2	71.2 75.6	64.9 52.2	3.8L/4250 lbs. 5.0L/3750 lbs.	5000 6000
		D-177-5 /11-14-91	TWC + OC as OC TWC + OC as TWC TWC + OC	87.6 89.7 84.5	96.4 92.3 88.5	- 63.6 65.0	7.5L/6000 lbs. 5.7L/6000 lbs. 5.9L/6000 lbs.
	D-182-14	OC TWC (round) TWC (oval)				6.6L/5000 lbs. 4.9L/4500 lbs. 4.9L/4500 lbs.	3800 (See Walker) 3900 5500
		D-182-13	OC/TWC OC/TWC/TWC+OC				5.9L/4500 lbs. 5.9L/6500 lbs.
	D-193-5					5.7L/5500 lbs.	8300 (See Car Sound)
	D-193-12	TWC				5.7L/5500 lbs.	8300
D-193	TWC + OC OC (Only)				7.5L/5500 lbs.	8300 (See Car Sound)	
Walker Mfgr/TA (517) 522-5500	D-182-13 /4-18-94	TWC + OC	72.9	72.3	56.5	5.9L/4500 lbs.	15180-3, 15188-9, 15637, 15641, 15648, 15654, 15657, 15660, 15666, 15669, 15679, 15681, 15699, 15720, 15732, 15733, 15734-5, 15766
TWC + OC as TWC		70.6	77.6	62.3	5.9L/4500 lbs.	15180-5, 15186-9, 15637, 15641, 15646, 15668-9, 15690,15696, 15717, 15720, 15732-5	
TWC + OC as OC		83.0	79.0	-	5.9L/4500 lbs.	15180-9, 15646,15660, 15668, 15696, 15717, 15720, 15732-5	
TWC + OC (4/26/94 Update)		81.5	74.5	53.6	5.0L/4000 lbs.	15130, 15132-5, 15138-9, 15504, 15507, 15512, 15514, 15521-2, 15524, 15525-6, 15532, 15539, 15540-5, 15559, 15563-4, 15580, 15591, 15595, 15598, 155607, 15626, 15650, 15682, 15683, 15694, 15697	

Company/Code	E.O./Date	Type of Catalyst	Conversion Efficiency/ Emission Level			Application (Displ./ Equiv. Test Weight)	Part/Series Number
			HC	CO	NOx		
Walker Manufacturing (Cont'd)	D-177	OC TWC	81.8	92.9	-	6.6L/5000 lbs. 3.8L/4250 lbs.	15110-2, 15605, 15615, 15623 15120, 15126-7, 15175-6, 15547-8, 15592, 15596-7, 15647, 15649, 15651, 15716, 15723,15725, 15730, 15750, 15757, 15763
		OC	73.3	85.5	-	6.6L/4500 lbs.	15109, 15113-9, 15501-3, 15509-10, 15513, 15515, 15518-20, 15530, 15536, 15562, 15574, 15576, 15631, 15638, 15639, 15640, 15658, 15663, 15719, 15729, 15736, 15751
		TWC + OC as OC	(See PFP 8000)			5.7L/6000 lbs.	15140-3, 15170-2, 15546, 15556, 15571, 15573, 15575, 15577, 15589, 15590, 15603, 15628, 15642-3, 15684, 15688, 15693, 15745
	D-177-4 (See Car Sound D- 193-4 & 5) D-182-25 /4-29-98	TWC	82.8	80.6	82.9	3.8L/3875 lbs.	15150-1, 15549, 15550-3, 15566, 15568, 15584, 15601-2, 15605,15623, 15661, 615111
		TWC + OC	(See PFP 8000)			5.9L/6000 lbs.	15140-3, 15170-2, 15546, 15575, 15577, 15589, 15618, 15622, 15642, 15144-7, 15555, 15558, 15561
		TWC + OC as OC TWC	(See PFP 8000)			7.5L/6000 lbs. 4.9L/4500 lbs.	15152-5, 15160-3, 15538, 15610-4, 15616, 15627, 15629, 15630, 15632-6, 15652-3, 15655-6, 15659, 15662, 15664, 15665, 15667, 15670, 15675-8, 15680, 15685-9, 15691, 15700, 15702- 3, 15721-2, 15722, 15724, 15724, 15737, 15746, 15748, 15761, 15763 15173-4, 15617, 15619, 15620-1, 15625, 15644, 15645
	D-182-26 /12-17-98 (See Car Sound D-193-20) D-182-27 /12-12-00 D-182-28 /11-15-00 D-182-29 /9-11-02	TWC + OC	84.8	85.6	56.6	5.9L/6000 lbs.	97000
		TWC + OC as TWC	83.9	73.3	78.0	5.9L/6000 lbs.	97000
		TWC + OC as OC	83.2	93.3	-	5.9L/6000 lbs.	97000
		TWC	84.5	74.2	82.9	5.9L/6000 lbs.	96000
		TWC as OC	82.1	85.0	-	5.9L/6000 lbs.	96000
		TWC + OC, TWC, & OC				5.9L/6000 lbs.	98000 (Same as Car Sound series 98000)
		TWC	77.6	79.0	65.4	4.3L/4250 lbs.	44000
		TWC + OC & TWC	83.6	83.6	78.1	5.9L/6000 lbs.	99000 (Also marketed by Car Sound)
		TWC + OC TWC + OC as TWC	74.0 77.5 66.0 80.6 80.5 80.6				5.9L/6000 lbs. 5.9L/6000 lbs.
	D-182-30 /6-5-03	TWC (OBD-II)	0.140 (NMOG), 5.2 (CO), 0.2 (NOx)			See Catalog	200100- Selected GM trucks
D-182-31 /7-8-03	TWC (OBD-II)	0.09 (NMOG), 1.0 (CO), 0.1 (NOx)			See Catalog	200200 & 200300- Selected Ford pcs	
D-182-33 /7-31-03	TWC (OBD II)	0.140 (NMOG), 5.2(CO), 0.2 (NOx)			See Catalog	200100- Selected GM trucks	
D-182-34 /3-17-04	TWC (OBD II)	0.20(NMOG), 3.9(CO), 0.7 (NOx)			See Catalog	200100- Selected DaimlerChrysler trucks	
D-182-35 /3-9-05	TWC + OC	73.6	80.5	60.1	5.9L/6000 lbs.	99300	
	TWC + OC as TWC	78.1	78.7	81.6	5.9L/6000 lbs.	99300	
NA	TWC (OBD II)	See CE D-193-29			See Catalog	4100000/4300000 – Ford Mustang	
NA	TWC (OBDII)	See CE D-193-38			See Catalog	4200000 – Honda/Acura pc	
NA	TWC (OBD II)	See CE D-193-37,40			See Catalog	4300000 – Chrysler, GM ldt2 & mdv	
NA	TWC (OBD II)	See CE D-193-41-44			See Catalog	4600000 – GM & Toyota pc/ldt1, VW & Volvo pc	

Company/Code	E.O./Date	Type of Catalyst	Conversion Efficiency/ Emission Level			Application (Displ./ Equiv. Test Weight)	Part/Series Number
			HC	CO	NOx		
Maremont/MM (615) 458-4681	D-184-3 /8-9-89	TWC	85.1	79.2	65.1	5.7L/4000 lbs.	8801
	D-184-4 /8-29-89	OC	81.8	92.9	-	6.6L/5000 lbs.	8711-2 (Same as Walker's 15111-2)
	D-184-5 /9-14-89	OC TWC as OC TWC + OC as TWC TWC + OC	76.3	93.6	-	5.7L/4500 lbs.	8701-3, 8705
			84.7	97.0	-	5.7L/4000 lbs.	8801
			82.2	73.2	63.7	3.8L/4500 lbs.	8811-3, 8901-3, 8905
			80.0	82.8	52.4	5.0L/4500 lbs.	8901-3, 8905
	D-184-6 /11-7-90	TWC	87.8	75.6	67.9	5.7L/6000 lbs.	8802, 8833, 8834
	D-184-7 /4-1-91	OC	83.1	92.4	-	7.5L/6000 lbs.	8706, 8735
	D-184-8 /6-12-95	TWC + OC as TWC	84.7	76.0	75.5	3.8L/4500 lbs.	8811, 8812, 8813
	D-184-9 /6-20-95	TWC + OC	80.4	76.7	52.1	5.9L/5500 lbs.	8901, 8911, 8913-4
	D-184-10 /7-19-95	TWC	81.6	77.3	65.9	2.5L/3375 lbs.	9001-3
	D-184-12 /12-23-98	TWC + OC TWC + OC as TWC TWC + OC as OC	76.4	79.8	58.2	5.9L/5000 lbs.	38200
			85.0	74.9	71.3	5.9L/5000 lbs.	38100
			82.7	77.3	-	5.9L/5000 lbs.	38100
	D-184-13 /11-01-00	TWC + OC TWC + OC as TWC TWC + OC as OC	77.3	72.8	67.6	5.9L/6000 lbs.	38500/38600 (Direct fit: 28700, 28800, 38500/38600 28900, 29100, 29200, 38500/38600 29500)
			79.8	82.8	72.4	5.9L/6000 lbs.	
			79.9	76.6	-	5.9L/6000 lbs.	
	D-184-14 /10-24-01	TWC	75.6	79.7	84.9	4.0L/4500 lbs.	38400 (Marketed by Car Sound as 91000)
	D-184-15 /4-16-02	TWC + OC TWC OC	83.7	84.7	86.2	5.9L/7000 lbs.	38730
			77.9	74.9	77.8	7.4L/7000 lbs.	38720 (38730 carry-over)
86.7			96.7	-	7.5L/7000 lbs.	38710 (38730 carry-over)	
D-184-16 /9-3-02	TWC + OC	79.7	72.0	60.7	5.8L/7000 lbs.	38730 - 2-by-1 replacement for Ford trucks & vans with non-close-coupled converter	
NA	TWC+OC,TWC,OC	(See Car Sound list)			5.9L/6375 lbs.	99000 (See Car Sound's D-193-22)	
N/A	TWC (OBD-II)	(See Car Sound list)			(See catalog)	653000 (See Car sound's D-193-24 & D-193-26)	
D-184-17 /3-11-04	TWC	72.6	85.3	80.7	4.0L/3750 lbs.	200600	
D-184-19 /4-14-06	TWC (OBD II)	0.067 (NMOG), 1.5 (CO), 0.04 (NOx)			See Catalog	655000/655500 – Selected Ford Trucks	
NA	TWC (OBD II)	(See CE D-193-33)			See Catalog	656000 – GM PC & LDT1	
NA	TWC (OBD II)	(See CE D-193-30-31)			See Catalog	654000 – MBZ, Honda/Acura pcs	
TRI-D Industries Inc./TD (419) 734-1316 (Bonz markets TD5000 –5500 with p/n BZXXXX). (Charlie Brown cans TD6100/4400 as BCRR400, TD 8100/4800 as BC4000, TD7100/4100 as BCRR-3000/BC3000). (Nology markets 5000,4100 & 7100 as NOL-5000, 4100, & 7100)	D-188-5 /7-20-99 (Update)	OC	86.7	84.0	-	5.0L/5250 lbs.	TD 2000
		OC	80.5	81.2	-	3.8L/3750 lbs.	TD 4000
		TWC + OC	73.2	88.0	63.0	5.7L/4000 lbs.	TD 6000
		TWC	86.6	86.1	69.8	3.8L/3750 lbs.	TD 7000
		OC	87.0	92.7	-	5.7L/4000 lbs.	TD 8000
		TWC + OC	76.0	79.1	59.2	5.0L/4500 lbs.	TD 6100/TD 4400
		TWC	87.1	81.9	86.1	3.8L/4250 lbs.	TD 7100/TD 4100
		OC	76.0	79.1	-	5.0L/4500 lbs.	TD 8100/TD 4800
		TWC + OC	84.7	80.7	64.6	5.9L/6000 lbs.	TD 5500
		TWC	83.8	77.7	83.7	5.9L/6000 lbs.	TD 5000
		OC	84.7	80.7	-	5.9L/6000 lbs.	TD 5100
		TWC + OC	84.7	80.7	64.6	5.9L/6000 lbs.	HP 5500
		TWC	83.8	77.7	83.7	5.9L/6000 lbs.	HP 5000
		OC	84.7	80.7	-	5.9L/6000 lbs.	HP 5100

Car Sound Exhaust System, Inc./CE (d.b.a. Magnaflow) (949) 858-5900 IMCO also markets some converters with the series numbers prefixed by the number "8."	D-193-7-25-89	TWC + OC as OC TWC + OC as TWC OC TWC + OC as TWC TWC + OC TWC + OC as OC TWC + OC as TWC	75.5 74.0 - 86.5 84.0 89.5 72.0 85.0 - 87.0 72.5 67.0 81.0 85.0 64.0 73.5 90.5 - 93.0 82.5 63.5	2.0L/3000 lbs. 2.0L/3000 lbs. 5.7L/4000 lbs. 3.8L/4000 lbs. 5.0L/4000 lbs. 7.5L/5500 lbs. 5.0L/5500 lbs.	52000 52000 63000 73000 83010-83929 93000 (Marketed by Shultz) 93000
	D-193-1-9-13-89	TWC + OC	83.5 72.0 54.5	5.0L/5500 lbs.	93010-93029
	D-193-2-1-22-90	TWC + OC as OC TWC + OC as TWC	87.6 97.2 - 92.2 92.0 67.4	5.5L/4000 lbs. 5.0L/4000 lbs.	73000 73000
	D-193-3-4-27-90	TWC + OC	94.0 88.3 62.8	5.2L/5500 lbs.	3300/5200 (2 precats/1 underbody)
	D-193-4-6-29-90	TWC + OC	87.2 84.4 50.7	5.8L/5500 lbs.	95010-95029
	D-193-5-10-22-90	TWC + OC + TWC	89.9 85.0 68.0	5.7L/5500 lbs.	95000
	D-193-6-4-4-91	TWC + OC	90.7 85.5 52.3	5.0L/5500 lbs.	33004/52004 (2 precats/1 underbody)
	D-193-7-1-8-92	TWC + OC	73.4 75.9 53.0	5.0L/4000 lbs.	24010-24029
	D-193-8-3-9-92	TWC + OC as TWC	87.0 81.6 83.8	5.0L/4250 lbs.	24000
	D-193-9-8-24-92	TWC + OC as TWC	79.9 71.7 85.0	3.8L/4000 lbs.	22000/23000
	D-193-10-9-16-92	TWC + OC	81.2 72.8 55.1	4.5L/4000 lbs.	22010-22029/23010-23029
	D-193-11-7-12-94	TWC + OC as OC	79.1 81.4 -	5.0L/4000 lbs.	22000
	D-193-12-10-26-94	TWC + OC	80.1 78.7 63.3	5.9L/5500 lbs.	93000
	D-193-13-12-19-94	TWC + OC	84.8 74.4 57.0	5.8L/5500 lbs.	93000 (Replaces 2 on Ford Trucks/Van non-close coupled cat.)
	D-193-14-8-7-96	TWC + OC	90.4 87.8 57.2	5.0L/3875 lbs.	93000 (Replaces 2 on Ford Mustang non-close coupled cat.)
	D-193-15-9-10-96	TWC + OC	82.9 79.8 60.7	5.9L/6000 lbs.	94000 (Also includes Maremont's
	D-193-16-7-1-97	TWC + OC as TWC	85.8 76.8 70.1	5.9L/6000 lbs.	94000 series 38500/38600)
	D-193-17-8-13-97	TWC + OC as OC	74.9 73.8 -	5.9L/6000 lbs.	94000
	D-183-10 PA	Precatalyst			5000 (Same appl. as Perfection/PA)
	D-193-18-7-15-98	TWC + OC TWC + OC as TWC TWC + OC as OC	80.1 75.8 66.6 85.7 82.6 83.5 78.4 82.6 -	5.9L/6000 lbs. 5.9L/6000 lbs. 5.9L/6000 lbs.	97000 97000 97000
	D-193-19-8-17-98	TWC	80.6 73.9 65.4	5.0L/4500 lbs.	54000
	D-193-20-11-12-98	TWC + OC TWC + OC as TWC TWC + OC as OC	76.8 74.1 77.5 82.7 80.4 83.4 72.3 78.7 -	5.9L/6000 lbs. 5.9L/6000 lbs. 5.9L/6000 lbs.	98000 (Marketed by Shultz) 98000 98000
	Ref.A-95-043	Ford OEM Equiv.	NA	7.5L	55211, 55212 (Marketed by Shultz)
	D-193-21-5-10-01	TWC	72.6 78.6 71.0	4.0L/4250 lbs.	53000 (Also marketed by Shultz & Maremont)
	D-193-22-7-19-01	TWC + OC TWC + OC as TWC TWC + OC as OC	77.0 74.8 55.3 77.3 73.1 71.8 71.7 89.7	5.9L/6375 lbs. 5.9L/6375 lbs. 5.9L/6375 lbs. 4.0L/4500 lbs.	99000 99000 99000 91000 (see Maremont's D-184-14)
	D-193-23-2-21-02	TWC	79.6 72.6 76.8	7.4L/13,000 lbs.	95500
		TWC + OC	-	5.9L/7000 lbs.	93510 (see Maremont's D-184-15)
	NA	TWC (OBD II)	See Maremont D-184-19	See Catalog	41200/41900 – Ford Trucks
	D-193-37-8-9-06	TWC (OBD II)	0.217 (NMOG), 4.4 (CO), 0.5 (NOx)	See Catalog	43000- Selected Daimler- Chrysler trucks
	D-193-39-8-24-06	TWC (OBD II)	0.087 (NMOG), 1.0 (CO), 0.1 (NOx)	See Catalog	41100/41400- Selected Ford PCs
	D-193-43-1-18-07	TWC (OBD II)	Same as D-193-49	See Catalog	46000 – VW PC
	D-193-44-1-18-07	TWC (OBD II)	Same as D-193-49	See Catalog	46000 – Volvo PC
	D-193-48-6-18-07	TWC (OBD II)	Same as D-193-49	See Catalog	46000 – Toyota PC & LDT1
D-193-49-7-6-07	TWC (OBD II)	0.085 (NMOG), 1.4 (CO), 0.2 (NOx)	See Catalog	46000 – GM PC & LDT1	
D-193-45-8-3-07	TWC (OBD II)	0.088 (NMOG), 1.6 (CO), 0.1 (NOx)	See Catalog	42000 – Honda/Acura PC & LDT1	
D-193-51-8-3-07	TWC (OBD II)	0.125 (NMOG), 2.5 (CO), 0.2 (NOx)	See Catalog	43000 – GM LDT2 & MDV	
D-193-53	TWC (OBD II)	0.141 (NMOG), 1.5 (CO), 0.4 (NOx)	See Catalog	46000 – Limited BMW PC	
D-193-54	TWC (OBD II)	0.089 (NMOG), 1.1 (CO), 0.1 (NOx)	See Catalog	44000 & 41000 – Limited Ford PCs	

Company/Code	EO/Date	Type of Catalyst	Conversion Efficiency/ Emission Level			Application (Displ/Equiv Test Weight)	Part/Series Number
			HC	CO	NOx		
AirTek, Inc. (Catco)/AT (d.b.a. Catco) (219) 947-1664 (Series 2600, 2800, and 6000 are marketed by Goerlick's, Inc. with box labeled 602000/ 605000, 603000/ 601000) Marketed by Goerlich as 673000) (Marketed by Goerlich as 673000) (Marketed by Goerlich as 67200 & 671000)	D-280-6 /9-27-99	TWC TWC as OC	75.1 73.1	73.7 73.7	62.4 -	7.4L/9000 lbs. 7.4L/9000 lbs.	10000 10000
	D-280-8 /7-19-01	TWC + OC	89.6	92.2	58.3	5.0L/4000 lbs.	6500/2900 (2-by-1 replacement on limited Ford passenger cars)
	D-280-9 /5-7-02 (Revised)	TWC + OC as OC TWC + OC as TWC TWC + OC TWC + OC	83.2 86.7 86.7 84.9	78.2 81.1 85.6 76.7	- 70.0 62.9 66.7	5.0L/4500 lbs. 5.0L/4500 lbs. 5.0L/4500 lbs. 5.0L/4500 lbs.	4000 (Incorporates series 2000-3000) 4000 4000 5700
	D-280-14 /9-19-05	TWC (OBD II)	0.020 (NMOG), 0.9 (CO), 0.03 (NOx)			See Catalog	612340 – 1.6L Honda Civics with manifold converter
	D-280-15 /3-10-06	TWC (OBD II)	0.036 (NMOG), 0.5 (CO), 0.1 (NOx)			See Catalog	612000 – Selected Toyota passenger cars
	D-280-16 /6-26-06	TWC (OBD II)	0.073 (NMOG), 1.3 (CO), 0.2 (NOx)			See Catalog	412000- Selected GM PC & LDT1
	D-280-17 /8-23-07	TWC (OBD II)	0.077 (NMOG), 1.2 (CO), 0.1 (NOx)			See Catalog	412000 – Honda/Acura PC & LDT1
	D-280-18 /10-12-07	TWC (OBD II)	0.034 (NMOG), 0.6 (CO), 0.1 (NOx)			See Catalog	612000 – Limited Ford passenger cars

LaPointe Exhaust System Equipment/LP	D-494 /1-6-00	TWC TWC as OC	84.4 84.4	78.4 78.4	77.6 -	5.9L/6000 lbs. 5.9L/6000 lbs.	LP20000 LP20000
	D-494-1 /3-27-02	TWC + OC TWC + OC as TWC	75.3 82.3	76.2 79.0	55.0 77.6	5.9L/6000 lbs. 5.9L/6000 lbs.	LP10000/LP21000 LP10000/LP21000

Eastern Manufacturing, Inc./EM (215) 946-5500	D-510 /11-21-00 D-510-2 /5-23-02	TWC TWC + OC	84.0 73.3	80.8 75.9	78.9 55.8	5.0L/4500 lbs. 5.9L/4750 lbs.	4100 5100/70900
	NA	TWC (OBD II)	(See TA D-182-30 & 33)			See Catalog	915060, 915061, 915062 - for selected GM trucks
	NA	TWC (OBD II)	(See TA D-182-31)			See Catalog	915071 (front), 915072 (rear) for selected Ford pcs
	NA	TWC (OBD II)	(See MM D-184-19)			See Catalog	975000/975500 – for selected Ford trucks
	NA	TWC (OBD II)	(See AT D-280-10)			See Catalog	974000 – for GM trucks
	NA	TWC (OBD II)	(See AT D-280-11)			See Catalog	974000 – DC trucks
	NA	TWC (OBD II)	(See AT D-280-12)			See Catalog	973000/972000 – Selected Ford passenger cars
	NA	TWC (OBD II)	(See AT D-280-13)			See Catalog	974000 – DC Mini Vans
	NA	TWC (OBD II)	(See AT D-280-14)			See Catalog	940102 – 1.6L Honda Civic manifold converter
	NA	TWC (OBD II)	(See AT D-280-15)			See Catalog	973000 – Selected Toyota PC
	NA	TWC (OBD II)	(See AT D-280-16)			See Catalog	971000 – Selected GM pc & LDT1
Emico Technologies, Inc./ET (705) 727-1133	D-511 /12-6-00	TWC	84.8	83.3	76.1	5.7L/4500 lbs.	13500
	D-511-1 /11-16-07	TWC (Round)	73.1	71.5	90.2	5.9L/6875 lbs.	133000
		TWC (Oval)	78.1	76.2	93.8		133200

Equipo Industrial Automotriz S.A. de C.V./EQ 52-5557-168760 (Mexico)	D-523/8-29-01	TWC + OC TWC + OC as TWC	75.3 74.3 60.7 79.0 73.8 90.1	5.9L/6000 lbs. 5.9L/6000 lbs.	70000
	D-523-1/6-20-05	TWC	84.6 85.0 75.2	5.9L/6000 lbs.	70500
		TWC	78.6 80.8 66.8	5.9L/6000 lbs.	70600
		TWC + OC TWC + OC as TWC	83.8 82.5 59.9 82.1 82.8 69.7	5.9L/6000 lbs. 5.9L/6000 lbs.	70700 70700

Company/Code	E.O./Date	Type of Catalyst	Conversion Efficiency/ Emission Level			Application (Displ./ Equiv. Test Weight)	Part/Series Number
			HC	CO	NOx		
Miller Catalyzer Corp/MC (510) 732-0622	D-353-1/10-14-99 All used OEM catalytic converters - OBD-II monitored catalysts included ⁽¹⁾	OC	70+	70+	-	Same as OEM	TBD
		TWC	70+	70+	60+		
		TWC + OC	70+	70+	50+		
		Precatalyst	40+	40+	-		
		OBD-II Precatalyst	70+	70+	-		
	D-353-2/9-23-03	Metallic wraps for used catalytic converters	70+	70+	60+		
	D-353-4/8-18-04	TWC (new)	73.9	71.1	70.2	3.8L/3750 lbs.	3000
	D-353-3/8-26-04	TWC (OBD II)	0.025 (NMOG), 0.3 (CO), 0.1 (NOx)			See Catalog	11000/12000 – Mercedes
		TWC (OBD II)	0.089 (NMOG), 1.1 (CO), 0.3 (NOx)			See Catalog	11000 – BMW
	D-353-5/1-3-05	TWC	85.4	79.1	82.2	3.8L/3750 lbs.	5000/6000
	D-353-9/7-20-05	TWC (OBD II)	0.082 (NMOG), 1.1 (CO), 0.1 (NOx)			See Catalog	11000 – BMW, GM, MBZ, Toyota, & VW pcs 11000/12000 – Mercedes
	D-353-10/7-6-05	TWC (OBD II)	0.203 (NMOG), 3.4 (CO), 0.4 (NOx)			See Catalog	21000 – GM, MBZ, VW, & Toyota Trucks
	D-353-12/10-20-05	TWC (OBD II)	0.085 (NMOG), 1.1 (CO), 0.1 (NOx)			See Catalog	19000 – for Honda/Acura
D-353-13/6-22-06	TWC (OBD II)	0.104 (NMOG), 0.7 (CO), 0.4 (NOx)			See Catalog	31000 – DaimlerChrysler Trucks	
D-353-14/12-12-06	TWC (OBD II)	(Same as D-353-13)			See Catalog	31000 – Toyota LDT2	
D-353-15/12-29-06	TWC (OBD II)	(Same as D-353-13)			See Catalog	31000 – GM LTD/MDV	
D-353-17/3-13-07	TWC (OBD II)	0.149 (NMOG), 2.7 (CO), 0.3 (NOx)			See Catalog	31000 – GM MDV	
	D-353-19/11-16-07	TWC (OBD II)	0.124 (NMOG), 1.9 (CO), 0.2 (NOx)			See Catalog	45000 – Ford Trucks (single exhaust)
			0.055 (NMOG), 0.9 (CO), 0.2 (NOx)			See Catalog	61000/45000 – Ford Trucks (dual exhaust)
Brown Recycling & Mfgr., Inc./BN (256) 778-8756	D-387-1/10-19-99 All used OEM catalytic converters - OBD-II monitored catalysts included ⁽¹⁾	OC	70+	70+	-	Same as OEM	TBD
		TWC	70+	70+	60+		
TWC + OC		70+	70+	50+			
Precatalyst		40+	40+	-			
OBD-II Precatalyst		70+	70+	-			
D-387-2/9-17-03	Mat wrap for used catalytic converter	70+	70+	60+			
Bosal Mexico SA DECV/BO (524) 422-5500	D-546/1-28-03	TWC + OC	76.6	74.9	61.4	5.9L/6000 lbs.	O6000/R6000
		TWC + OC as TWC	78.9	77.4	78.3	5.9L/6000 lbs.	O6000/R6000

Company/Code	E.O./Date	Type of Catalyst	Conversion Efficiency/ Emission Level			Application (Displ./ Equiv. Test Weight)	Part/Series Number
			HC	CO	NOx		
Valina, Inc. (CarTex)/CT (d.b.a. CarTex) (323) 233-9435	D-562 /4-18-03	TWC + OC TWC + OC as TWC	76.2 80.9	75.4 78.0	61.7 72.9	5.9L/6000 lbs. 5.9L/6000 lbs.	80000, 90000 & 10000 80000, 90000 & 10000
	D-562-1 /1-16-06	TWC (OBD II)	0.083 (NMOG), 0.8 (CO), 0.3 (NOx)			See Catalog	12500 – for Toyota pc
	D-562-2 /4-18-06	TWC (OBD II)	0.179 (NMOG), 3.1 (CO), 0.6 (NOx)			See Catalog	12600 – Daimler- Chrysler trucks
	D-562-3 /4-27-06	TWC (OBD II)	0.211 (NMOG), 4.8 (CO), 0.5 (NOx)			See Catalog	12200 – GM trucks
	D-562-4 /8-23-06	TWC (OBD II)	0.219 (NMOG), 1.5 (CO), 0.4 (NOx)			See Catalog	12301/12311- Selected Ford trucks
	D-562-6 /2-5-07	TWC (OBD II)	(Same as D-562-2)			See Catalog	12600 – GM LDT2 & MDV
	D-562-8 /6-8-07	TWC	78.4	71.5	90.0	5.9L/6875 lbs.	92000, 92100, 93000, 93100, 94000
	D-562-9 /9-20-07	TWC (OBD II)	0.115 (NOMOG), 3.5 (CO), 0.1 (NOx)			See Catalog	12302/12311 – Limited Ford LDT2
The Automotive Edge (dba Hermoff) /AE (905) 768-4994	D-567 /8-7-03	TWC + OC TWC + OC as TWC	79.1 79.0	72.5 80.6	65.1 67.4	5.9L/6000 lbs. 5.9L/6000 lbs.	900 300, 400, 500, 900, 1000
ESW America, Inc./ES (215) 721-2188	D-580 /8-17-04	TWC	84.2	89.0	83.4	4.0L/3750 lbs.	8500
Tested Products (d.b.a. DEC)/TP (818) 994-1908	D-584-1 /8-15-05 All used OEM catalytic converters	OC TWC TWC + OC Precatalyst (Non-OBD II) OBD-II Precatalyst	70+ 70+ 70+ 40+ 70+ 70+	70+ 70+ 70+ 40+ 70+ 70+	- 60+ 50+ - N/A for OC 60+ for TWC	Same as OEM	See catalog
Cateran Pty Ltd./CV (705) 726-1433	D-596 /10-17-05	TWC	83.3	73.0	74.1	5.9L/6000 lbs.	33000 & 53000
Advanced Car Specialties Ltd/AD (d.b.a. RiteCat). (416) 445-9610	D-613-2 /8-24-07	TWC (non-OBD II)	79.5	72.2	91.8	5.9L/6875 lbs.	38000, 39000, 58000, 59000, 64000, 65000
	D-613-3 /9-18-07	TWC (OBD II)	0.085 (NMOG), 0.5 (CO), 0.1 (NOx)			See Catalog	44000 – Limited Toyota PC & LDT1
	D-613-4 /12-10-07	TWC (OBD II)	Same as in D-613-3			See Catalog	44000 – Limited Toyota PC & LDT1

Equivalent Test Weight (ETW) = Curb weight + ½(GVWR – Curb weight)

⁽¹⁾ **The used catalytic converters may have their wrap replaced and then screened to ensure that they are still effective, but they are not rebuilt.**