



# US MAP PRICE BOOK

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#### EMS Emissions Codes



This product is covered under CARB EO and is legal for sale and use in all 50 states.



This product has met EPA's reasonable basis requirements and is legal for sale and use within the jurisdiction of the federal EPA.



This product is not legal for street use on an emissions-controlled vehicle. It may be used on dedicated competition or pre-pollution-controlled vehicles only.



This product does not require an EO in California. By nature of its design, it is legal for sale and use in all 50 states. Replacement parts included.

# Turbo Kits and Accessories



## Dodge Super B Single SX S358 Turbo Kits 57 Lb/min

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
2	1045220	1994-2002 5.9L	Dodge	4 Hrs	A	73		2,925.00

## Dodge Super B Killer S363 Turbo Kits 76 Lb/min

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
2	1045260	1994-2002	Dodge	4 Hrs	A	73		2,495.00

## Dodge Super B Killer SX-E S361 Turbo Kits 77 LB/min

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
2	1045265	1994-2002 5.9L	Dodge	4 Hrs	A	73		2,450.00

## Dodge Super B Special SX-E 363 Turbo Kits 79 Lb/Min

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
2	1045257	1994-2002 5.9L	Dodge	4 Hrs	A	73		2,450.00

## Dodge Super B 600 SX-E S364.5 Turbo Kits 82 Lb/min

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
2	1045250	1994-2002 5.9L	Dodge	4 Hrs	A	73		2,450.00

## Dodge 6.7L Screamer Performance Reman Exchange Turbo

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
1,2	1045770	2007.5-2012 6.7L Pick-up HE351	Dodge	5 Hrs	A	177,210,211,357,1370	500	2,995.00
1	1045771	2013-2018 6.7L Pick-up HE300VG	Dodge	6.6 Hrs	A	177,210,211,358,1370	500	2,995.00
1	1045772	2019-2022 6.7L RAM Pick-up HE300VG	Dodge	6.6 Hrs	A	333,1370	1,000	3,175.00

## Dodge 6.7L Screamer Turbo & Exhaust Manifold Packages

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
2	1045870	2007.5-2012 6.7L HE351	Dodge	9 Hrs	A	177,210,211	500	3,315.00
2	1045871	2013-2018 6.7L HE300VG	Dodge	9 Hrs	A	177,210,211	500	3,315.00

## Dodge 5.9L Screamer Turbocharger

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
2	1045768	2003-2007 5.9L	Dodge	2.6 Hrs	A			1,647.95
2	1045758	1998.5-2002 5.9L 24-valve	Dodge	2 Hrs	A			1,231.95

## Dodge 5.9L Howler VGT Turbo Kits

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
2	1047140	Performance VGT Turbo Kit - 2003-2007 5.9L	Dodge	5.0 Hrs	A	218,255,313		3,760.00
2	1047139	Stock VGT Turbo Kit - 2003-2007 5.9L	Dodge	5.0 Hrs	A	218,255,313		2,675.00
2	1047136	Complete Install Kit c/w Controller - 2003-2007 5.9L	Dodge		A	218,255,313		1,274.95
2	1047135	VGT Controller Kit - 2003-2007 5.9L	Dodge		A	255		737.95
4	1047137	Coolant Tube Relocation Kit 2003-2005 5.9L Automatic	Dodge	0.5 Hr	A	314		180.95
2	FLO20811-BD	Downpipe Aluminized 4-Inch Replacement Dodge 2004.5-2007 5.9L	Dodge		C			139.95

## Dodge 5.9L/6.7L Reman Exchange Turbochargers

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
2	1040037	Exhaust Elbow 1999-2002 5.9L HX35/HY35	Dodge		A	320		129.95
4	4035044-B	2003-2004 5.9L	Dodge	4 Hrs	A	1	250	1,088.95
4	1045767	2004.5-2007 5.9L	Dodge	2.5 Hrs	A			1,215.95
4	1045100	Exhaust Elbow 2004.5-2007 5.9L	Dodge		A			102.95
4	1045775	2007.5-2012 6.7L HE351 BD Reman	Dodge	5 Hrs	A	211,259	500	1,772.95

EMS (Emissions) Code: See table of contents page for more info

**Note 1:** Verify turbo number on vehicle before ordering

**Note 73:** Turbo mount exhaust brake cannot be installed with this kit - use remote mount exhaust brake

**Note 177:** Warning: Some tuning programs may restrict vane opening position which can cause high drive pressures and may lead to turbocharger over speed failure (non-warrantable). Use caution with custom tuning that alters turbo vane position to increase wheel speed.

**Note 210:** For pick-up models only. Cab & Chassis cores returned for credit will not be accepted.

**Note 211:** Speed sensor is not included. Swap over your speed sensor from your original turbocharger before reinstall.

**Note 218:** 2003 to 2004 model year (305HP output) Dodge Ram 2500/3500 with HY35 turbocharger will require a 2004.5-2007 style aftermarket downpipe such as Flo Pro part number 20811

**Note 255:** 2003-2005 pick-ups do not maintain torque converter lockup on deceleration - suggest 1030395 Torqloc to improve exhaust brake performance

**Note 259:** Fits 2500/3500/4500/5500 P/U and C&C models

**Note 313:** 2003 to 2005 automatic transmissions require PN: 1047137 for proper installation

**Note 314:** This kit is for people that purchased a Howler Turbo (PN: 1047139, 1047136, 1047140) and have a Dodge 5.9L Cummins 03-05 with an automatic transmission.

**Note 320:** Does not include mounting bolts, reuse existing ones or replace

**Note 333:** CARB EO No. D-553-14

**Note 357:** CARB EO No. D-553-5

**Note 358:** CARB EO No. D-553-5

**Note 1370:** SEMA Certification No. SC-BDD01-0018

# Turbo Kits and Accessories



## Dodge 5.9L/6.7L Reman Exchange Turbochargers (Continued)

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1045778	2013-2018 6.7L Pick-up HE300VG	Dodge	6.6 Hrs	A	211,258	500	2,495.00
4	1045779	2007.5-2018 6.7L HE300V Cab & Chassis	Dodge	6.6 Hrs	A	211	500	2,975.00
4	1045777	2019-2023 6.7L HG300VG	Dodge	6.6 Hrs	A	352	1,000	2,850.00

## Dodge 5.9L/6.7L Turbo Mounting Hardware Kits

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1045984	1994-2007 5.9L T3/T4 HX / HY / S300 / S400	Dodge		A			46.95
4	1045983	2007.5-2018 6.7L HE351 / HE300VG	Dodge		A			35.95
4	1045999	2019-up 6.7L HE300	Dodge	4.5 Hrs	A	330		118.95

## Dodge 6.7L HE351/HE300VG Turbo Actuators

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1045922	2007.5-2012 6.7L	Dodge		E			1,999.95
4	1045923	2013-2018 6.7L	Dodge		E			1,999.95
4	1407046	Actuator (New Style) Wiring Harness Adapter - 2007.5-2012 6.7L	Dodge		A			49.95

## Dodge 5.9L Iron Horn Turbo Kits

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
2	1045170	2003-2007 S361SXE / 76 0.91AR	Dodge	6 Hrs	A	73,205,321		2,019.00
2	1045172	2003-2007 S363SXE / 76 0.91AR	Dodge	6 Hrs	A	73,205,218		2,050.00
2	1045173	2003-2007 S363SXE / 80 0.91AR	Dodge	6 Hrs	A	73,205,218		2,050.00
2	1045171	2003-2007 S364SXE / 76 0.91AR	Dodge	6 Hrs	A	73,205,218		2,050.00
2	1045169	2003-2007 S364SXE / 76 1.00AR	Dodge	6 Hrs	A	73,205,218		2,050.00
2	1045174	2003-2007 S364SXE / 80 0.91AR	Dodge	6 Hrs	A	73,205,218		2,110.00
2	1045175	2003-2007 S364SXE / 80 1.00AR	Dodge	6 Hrs	A	73,205,218		2,110.00
2	1045176	2003-2007 S366SXE / 80 0.91AR	Dodge	6 Hrs	A	73,205,218		2,185.00
2	1045177	2003-2007 S366SXE / 80 1.00AR	Dodge	6 Hrs	A	73,205,218		2,185.00
2	1045178	2003-2007 S369SXE / 80 0.91AR	Dodge	6 Hrs	A	73,205,218		2,230.00
2	1045179	2003-2007 S369SXE / 80 1.00AR	Dodge	6 Hrs	A	73,205,218		2,230.00
2	FLO20811-BD	Downpipe Aluminized 4-Inch Replacement Dodge 2004.5-2007 5.9L	Dodge		C			139.95

## Dodge 6.7L Iron Horn Turbo Kits

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
3	1045292	2007.5-2018 S363SXE / 76 0.91AR	Dodge	9 Hrs	A	182,183		1,991.95
3	1045293	2007.5-2018 S363SXE / 80 0.91AR	Dodge	9 Hrs	A	182,183		1,991.95
3	1045294	2007.5-2018 S364SXE / 80 0.91AR	Dodge	9 Hrs	A	182,183		2,050.00
3	1045295	2007.5-2018 S364SXE / 80 1.00AR	Dodge	9 Hrs	A	182,183		2,050.00
3	1045296	2007.5-2018 S366SXE / 80 0.91AR	Dodge	9 Hrs	A	182,183		2,110.00
3	1045297	2007.5-2018 S366SXE / 80 1.00AR	Dodge	9 Hrs	A	182,183		2,110.00
3	1045298	2007.5-2018 S369SXE / 80 0.91AR	Dodge	9 Hrs	A	182,183		2,185.00
3	1045299	2007.5-2018 S369SXE / 80 1.00AR	Dodge	9 Hrs	A	182,183		2,185.00

## Dodge Super B Street/Tow Twin Turbo Kits S366/S358 1190cfm 625hp

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
3	1045310	1994-1998 12-valve	Dodge	16 Hrs	Z			5,299.00
3	1045320	1998-2002 24-valve	Dodge	16 Hrs	Z			5,299.00

## Dodge Super B Single to Super B Twin Upgrade

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
3	1045315	1994-1998 12-valve	Dodge	16 Hrs	Z	7		3,559.00
3	1045325	1998-2002 24-valve	Dodge	16 Hrs	Z	7		3,559.00

**EMS (Emissions) Code:** See table of contents page for more info

**Note 7:** Upgrade from 1045310, 1045320 or 1045330 Super B Single turbo kit

**Note 73:** Turbo mount exhaust brake cannot be installed with this kit - use remote mount exhaust brake

**Note 182:** Air intake kits may need alteration other than K&N kit and OEM intake systems

**Note 183:** Tuner or programmer required to bypass VGT functions and codes

**Note 205:** Aftermarket air intake kits may need alteration

**Note 211:** Speed sensor is not included. Swap over your speed sensor from your original turbocharger before reinstall.

**Note 218:** 2003 to 2004 model year (305HP output) Dodge Ram 2500/3500 with HY35 turbocharger will require a 2004.5-2007 style aftermarket downpipe such as Flo Pro part number 20811

**Note 258:** Fits 2500/3500 Models, see 1045779 for Cab & Chassis Model

**Note 321:** 2003 to 2004 model year (305HP output) Dodge Ram 2500/3500 with HY35 turbocharger will require a 2004.5-2007 style aftermarket downpipe such as Flo Pro part number 20811 and OEM V-band Part# 52121285AA

**Note 330:** Does NOT include HE300 turbo

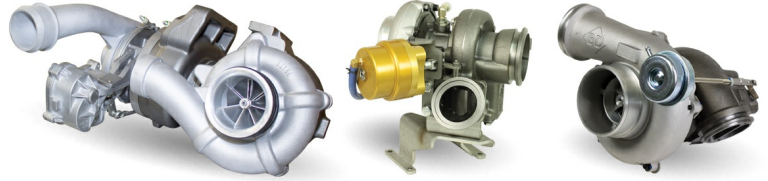
**Note 352:** OEM part number cross reference for this turbo is: 68444771AA until 2021, then superseded to 68444771AB in 2022

# Turbo Kits and Accessories



## Dodge Cobra Replacement Filter

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
2	1401605	High Flow Washable - 5in Inlet / 8in Base / 7in Top / 9.7in Height	Dodge		P			80.95



## Ford 6.7L Scorpion Turbo Kit

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
2	1401604	High Flow Washable - 4in Inlet / 8in Base / 7in Top / 9.7in Height	Ford		P			74.95

## Ford 6.7L Screamer Turbos

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
2	1045825	2011-2014 6.7L Pick-up Wide Frame F250/F350	Ford	5.5 Hrs	A	253		4,565.00
2	1045828	2015-2016 6.7L Pick-up Wide Frame F250/F350	Ford	5.1 Hrs	A			3,240.00
2	1045827	2017-2019 6.7L Pick-up Wide Frame F250/F350	Ford	8.9 Hrs	A	254		3,015.00
2	1045825	2011-2016 6.7L Cab & Chassis Narrow Frame F350/F450/F550	Ford	5.5 Hrs	A	253		4,565.00
2	1045827	2017-2019 6.7L Cab & Chassis Narrow Frame F350/F450/F550	Ford	8.9 Hrs	A	254		3,015.00

## Ford 6.4L Screamer Performance Turbos

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
2	1047082	2008-2010 6.4L c/w Intake Kit	Ford	7/13* Hrs	A		500	4,350.00
2	1047083	2008-2010 6.4L w/o Intake Kit	Ford	14 Hrs	A	302	500	3,810.00

## Ford 6.0L Screamer Turbos

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
2	1045820	2003-2007 6.0L Stage 1	Ford	3 Hrs	A			1,750.95
2	1045821	2003-2007 6.0L Stage 2	Ford	3 Hrs	A	204		1,853.95

## Ford 7.3L Turbo Thruster II Turbo Kits

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
1	1047511	1999-2003 7.3L GTP38 Turbo	Ford	4 Hrs	A	2,99,107		1,827.95

## Ford 6.7L PowerStroke Retrofit GT37 Replacement

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
2	1045824	2011-2014 6.7L Pick-up Wide Frame F250/F350	Ford	5.1 Hrs	A	253		4,455.00
2	1045824	2011-2016 6.7L Cab & Chassis Narrow Frame F350/F450/F550	Ford	5.1 Hrs	A	253		4,455.00

## Ford 6.7L PowerStroke OEM Exchange Turbos

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	851824-5001	2011-2014 6.7L Pick-up Wide Frame F250/F350	Ford		C	225,251		2,375.00
4	1045813	2015-2016 6.7L Pick-up Wide Frame F250/F350	Ford	5.5 Hrs	J			2,399.00
4	888143-5001S	2017-2019 6.7L Pick-up Wide Frame F250/F350	Ford		C	225		2,130.00
4	854572-5001S	2011-2016 6.7L Cab & Chassis Narrow Frame F350/F450/F550	Ford		C	225		1,995.00
4	888142-5001S	2017-2019 6.7L Cab & Chassis Narrow Frame F350/F450/F550	Ford		C	225		1,795.00

## Ford 6.4L PowerStroke OEM Reman Turbos

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	179514-B	2008-2010 6.4L Twin Turbo Assy	Ford	14 Hrs	A		500	2,339.00
4	179618	Install Gasket Kit - 2008-2010 6.4L Turbos	Ford		C	4		109.95

EMS (Emissions) Code: See table of contents page for more info

**Note 2:** F-Series Pick-up only / No E-Series

**Note 4:** 179618 Install Kit required for individual turbos (179515 or 179523) - already included with complete twin assemblies

**Note 99:** CARB EO No. D-553-2

**Note 107:** Will not work on early 1999 PowerStrokes (build date 03/21/99 and earlier)

**Note 204:** Recommend 50hp or 90hp injectors with modified tuning

**Note 225:** Does not include pedestal or gaskets

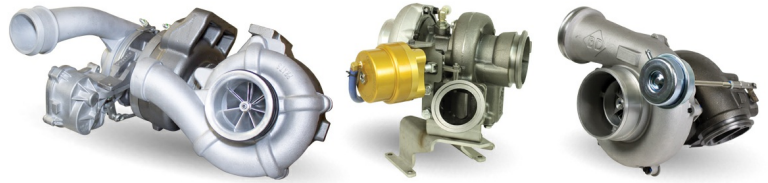
**Note 251:** For use with stock powered trucks only - no power enhancing tuners or programmers

**Note 253:** Tuner with emissions compliant engine calibration required

**Note 254:** Cab & Chassis models require an emissions compliant engine calibration

**Note 302:** Designed to use AFE part number 53-10016D or equivalent 4-inch air intake system with modifications

# Turbo Kits and Accessories



## Ford 6.0L PowerStroke New Garrett Turbos

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	725390-5006	2003 6.0L	Ford	3 Hrs	C	1,197		1,099.00
4	743250-5024	2004-2005 6.0L	Ford	3 Hrs	C	1,197		1,099.00
4	743250-5025	2005.5-2007 6.0L	Ford	3 Hrs	C	1,197		1,099.00
4	1045819	Turbo Mounting Gasket Kit 2003-2007 6.0L	Ford		A			19.95
4	792593-0001	2003-2007 6.0L VGT Vane Control Valve Solenoid	Ford		C			249.95

## Ford 7.3L PowerStroke Reman Exchange Turbos

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	702011-9011-B	1999.5-2003 GTP38 Pick-up w/o Pedestal	Ford	3 Hrs	A	1	250	1,184.95

## Ford 3.5L ECOBOOST Screamer Performance Turbo Sets

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
1	1047620	2011-2012 F-150	Ford	6.5 Hrs	A	1381,1394		1,956.95
1	1047621	2013-2016 F-150	Ford	6.5 Hrs	A	1382,1394		1,956.95



## Chevy Duramax Screamer Turbos

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
1	1045830	2011-2016 LML	Chevy	15.0 Hrs	A	359	350	2,339.00
2	1045840	2004.5-2010 LLY/LBZ/LMM	Chevy	15.0 Hrs	A	76	350	2,121.00
2	1045837	2001-2004 LB7	Chevy	5.6 Hrs	A	299		1,740.95
2	1045844	2017-2023 LSP Duramax	Chevy		A		300	3,655.00

## Chevy Duramax Reman Exchange Turbos

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1045845	2017-2019 LSP Duramax	Chevy	10 Hrs	A		300	2,299.00
4	1045846	2020-2023 LSP Duramax	Chevy	10 Hrs	A		300	2,299.00

## Chevy 6.5L/6.6L Reman Exchange Turbos

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1040500	GM-8/GM-5 1996-2000 6.5L	Chevy		A			1,019.95
4	1045836	2001-2004 Duramax	Chevy	5.6 Hrs	A	299		1,359.95
4	848212-9001S	2004-2010 LLY/LBZ/LMM C/W Position Sensor	Chevy		E	1,76	350	1,539.95
4	848212-9002S	2011-2016 LML Pick-up c/w Position Sensor	Chevy		E	1	350	1,539.95
4	763527-0712	2004.5-2010 Duramax VGT Vane Position Sensor	Chevy		C	76		399.98
4	771864-0001	2004.5-2005 LLY Sensor Adapter Cable	Chevy		C	76		82.95

## Chevy SuperMax Turbo Kits

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
2	1046203	Pedestal Kit - T3 Mount Turbo	Chevy		A			275.95

EMS (Emissions) Code: See table of contents page for more info

**Note 1:** Verify turbo number on vehicle before ordering

**Note 76:** 2004.5-2005 LLY Turbos require 771864-0001 Adapter Cable

**Note 197:** Mounting gasket kit sold separately (6L MTG KIT)

**Note 299:** Trucks with the Regular Production Option (RPO) "YF5" may require an aftermarket downpipe such as Diamond Eye 321055

**Note 359:** CARB EO No. D-553-8 / D-553-11

**Note 1381:** SEMA Certification No. SC-BDD01-0084

**Note 1382:** SEMA Certification No. SC-BDD01-0084

**Note 1394:** CARB EO No. D-553-19



# Turbo Kits and Accessories



## 2.6 Pulling Class Turbos

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
2	177103	S400 Turbine Housing 83mm T4 1.00A/R	All		C			435.72
2	177105	S400 Turbine Housing 83mm T4 1.25A/R	All		C			213.43
2	178787	S400 Turbine Housing 87mm T4 0.90A/R	All		C			184.75
2	178788	S400 Turbine Housing 87mm T4 1.00A/R	All		C			371.82
2	178789	S400 Turbine Housing 87mm T4 1.10A/R	All		C			184.75
2	178790	S400 Turbine Housing 87mm T4 1.25A/R	All		C			184.75

## 3.0 Pulling Class Turbos

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
2	178787	S400 Turbine Housing 87mm T4 0.90A/R	All		C			184.75
2	178788	S400 Turbine Housing 87mm T4 1.00A/R	All		C			371.82
2	178789	S400 Turbine Housing 87mm T4 1.10A/R	All		C			184.75
2	178790	S400 Turbine Housing 87mm T4 1.25A/R	All		C			184.75
2	14961019007	S400SX4 Turbine Housing 96mm 1.15A/R T6	All		C			318.43
2	14961016101	S400SX4 Turbine Housing 96mm 1.45A/R T6	All		C			369.95
2	14961016100	S400SX4 Turbine Housing 96mm 1.58A/R T6	All		C			372.68

## Borg Warner S300SX-E Super Cores and Housings

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
2	13009097047	S300SX-E Super Core 63mm FMW / 80mm	All		C			883.12
2	13009097049	S300SX-E Super Core 66mm FMW / 80mm	All		C			933.51
2	177211	S300SX-E Turbine Housing 80mm 0.88 Open Flow Volute T4	All		C			192.60

## Borg Warner S Performance Box Turbos

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
2	177281	S300SX3 Turbo - 66mm / 80mm / 0.88 A/R	All		C			874.79
2	1405230	S300SX3 Turbo - 66mm / 80mm / 0.91 A/R	All		C			999.95
2	179174	S400SX Turbo - 74.6mm / 87.4mm / 1.10 A/R	All		C			1,412.65

## Borg Warner Turbine Housings

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
2	177102	S400 83mm T4 0.90AR	All		C			198.21
2	177103	S400 Turbine Housing 83mm T4 1.00A/R	All		C			435.72
2	177104	S400 83mm T4 1.10AR	All		C			190.56
2	177105	S400 Turbine Housing 83mm T4 1.25A/R	All		C			213.43
2	178787	S400 Turbine Housing 87mm T4 0.90A/R	All		C			184.75
2	178788	S400 Turbine Housing 87mm T4 1.00A/R	All		C			371.82
2	178789	S400 Turbine Housing 87mm T4 1.10A/R	All		C			184.75
2	178790	S400 Turbine Housing 87mm T4 1.25A/R	All		C			184.75



## Turbo Blankets

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1453521	T3 S300 Turbine Housing	All		A			231.95
4	1453522	T4 S400 Turbine Housing	All		A			258.95
4	1453523	T6 S400/S500 Turbine Housings	All		A			292.95

## Cool Down Timers - Engine Shutdown Systems

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1081160	1994-2005 5.9L	Dodge	3 Hrs	A	217		236.95
4	1081160	1994-2018 7.3L/6.0L/6.4L/6.7L w/o Push Button Start	Ford	3 Hrs	A	217		236.95
4	1081160	2001-2014 6.6L Duramax	Chevy	3 Hrs	A	217		236.95

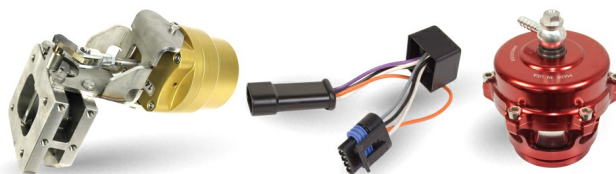
EMS (Emissions) Code: See table of contents page for more info

Note 217: Not compatible with push button start on Ford vehicles



# Turbo Kits and Accessories

## TURBO ACCESSORIES



### Dodge Housing & Turbo Upgrades

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
2	1045911	Turbine Housing 1988-1993 16cm (non w/g)	Dodge	2 Hrs	A			205.95
2	1045223	Down Pipe Kit - 4" HX40 1994-2002 5.9L	Dodge					265.95
4	1045101	Turbo Cast Exhaust Elbow - Dodge 2007.5-2012 6.7L	Dodge		A			190.95

### Turbo Boost Builders - Waste Gate Kits

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
2	1047150	1994-1998.5 HX35 Turbo	Dodge	1 Hr	A			287.95
2	1047151	1999-2002 HX35 Turbo (2000-2002 Manual Trans Only)	Dodge	1 Hr	A	122		235.95
2	1047154	2003-2007 5.9L	Dodge	1 Hr	A			235.95
2	1047170	1999.5-2003 7.3L	Ford	1 Hr	A	107		235.95
2	1047160	2001-2004 LB7	Chevy	1 Hr	A			235.95

### Turbo Waste Gate Accessories

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
2	1045991	1999-2002 HY35 Turbo (X-Hook)	Dodge	0.5 Hr	A			83.95
2	1040310	1994-2002 HX35 Performance Elbow Orifice	Dodge	0.25 Hr	A			44.95

### Dodge Wastegate Control Valve

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1045921	2004.5-2007 5.9L	Dodge		A			205.95

### Ford 7.3L PowerStroke Turbo Compressor Wheel Upgrade Kits

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
2	1047001	1999.5-2003 Billet Compressor Wheel	Ford	3 Hrs	A	3,107		268.95
2	1047002	1999.5-2003 Billet Wheel & W/Gate Combo Kit	Ford	3.5 Hrs	A	3,107		494.95

### Ford 7.3L PowerStroke GTP38 Non-EBV Pedestal Upgrade

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
2	1047512	1999-2003 7.3L GTP38 Turbo	Ford	3 Hrs	A			489.95

### Turbine Flange Adapters

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
3	1044106	T4-T3 Dual Volute	All	0.5 Hr	A	108,109,110		136.95
3	1044111	T4-T6 Dual Volute	All		A			271.95

### Turbo Turnbuckles - Adjustable Waste Gate Rod Ends

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
2	1047110	1994-2007 5.9L with Holset or Aftermarket Turbo/Waste Gate - 5/16NF Rod w/.320" Hole	Dodge	1 Hr	A			43.95
2	1047115	1999.5-2007 7.3L/6.0L w/Aftermarket Turbo or Waste Gate - 5/16NF Rod w/.250" Hole	Ford	1 Hr	A			43.95
2	1047116	2001-2004 LB7 w/Aftermarket Turbo or Waste Gate - 5/16NF Rod w/Pin	Chevy	1 Hr	A			55.95

### Flexible Oil Drains

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1453105	12-Inch Long	All		A			58.95
4	1453106	23-Inch Long	All		A			65.95

### Turbo Kit Components

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
3	1453502	Hot Pipe Adapter S300/S400 V-Band to T4	All		A			335.95
4	1405926	V-Band Clamp Super B / HX40	All		P			35.95
4	99800-0450	V-Band Clamp - S400 Compressor Outlet Half Marmon	All		P			35.95
2	1045240	Downpipe Kit S400 Full Marmon 4.2 - 4in Aluminized	All		A			231.95
4	1452226	Turbo Outlet 90-degree Elbow Adapter	All		P			74.95

EMS (Emissions) Code: See table of contents page for more info

**Note 3:** Ford OEM and Garrett Replacement Turbos only

**Note 107:** Will not work on early 1999 PowerStrokes (build date 03/21/99 and earlier)

**Note 108:** Due to the large variety of stock & aftermarket manifolds and turbos the installer may have to use different hardware than what is provided in kit

**Note 109:** It may be necessary to drill out threaded holes in manifold or turbo to allow a stud to pass through

**Note 110:** Cannot be used to adapt a T4 manifold down to a T3 turbo

**Note 122:** 1999-2000 Auto Trans can have HX35 or HY35 turbo. HY35 can use 1045991 HY35 X-Hook

# Air Intake and Intercooling

## AIR INTAKE



### Chevy Duramax Turbo Intake Horn

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
2	1045630	2020-2022 Duramax	Chevy	1.25 Hrs	A			154.95

### Dodge 6.7L Killer Grid Upgrade

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1041520	2007-2024 2500/3500	Dodge	3 Hrs	A	1407		195.95

### Dodge 6.7L X-Intake Horn & Open Grid

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
3	1041564	Open Grid - 2007.5-2018	Dodge	2.5 Hrs	A	106		247.95

### Dodge 6.7L X-Intake Heater

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1041563	2007.5-2018 6.7L	Dodge	0.5 Hr	A	117		138.95

### Dodge 5.9L X-Intake Elbows

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
2	1041550	1998-2002 24-valve	Dodge	0.5 Hr	A			369.95
2	1041555	2003-2007 5.9L	Dodge	1.5 Hrs	A			329.95

## CHARGE AIR COOLERS



### Intercooler Intake Pipe Replacement

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1042590	2003-2007 5.9L	Dodge	1 Hr	A			150.95
4	1042595	2007-2009 6.7L	Dodge	1 Hr	A			217.95
4	1047038	2011-2016 6.7L Power Stroke	Ford	1 Hr	A			324.95

### Intake Hose & Clamp Kits

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1045210	1994-2002	Dodge	1 Hr	A			419.95
4	1045215	2003-2007 5.9L	Dodge	1 Hr	A			419.95
4	1045216	2007.5-2009 6.7L	Dodge	1 Hr	A			408.95
4	1045217	2010-2012 6.7L	Dodge	1 Hr	A			408.95
4	1047030	1999-2003 7.3L PowerStroke	Ford	0.5 Hr	A			344.95
4	1047020	1999-2003 7.3L PowerStroke - Clamps Only	Ford	0.5 Hr	A			80.95
4	1047035	2003-2007 6.0L PowerStroke	Ford	0.5 Hr	A			344.95
4	1047034	2003-2007 6.0L PowerStroke c/w Intake Pipe	Ford	0.5 Hr	A			499.95
4	1047037	2008-2010 6.4L Power Stroke	Ford	2 Hrs	A			344.95
4	1046275	2001-2004 Chevy LB7 Duramax	Chevy	1 Hr	A			419.95
4	1046276	2004.5-2005 Chevy LLY Duramax	Chevy	0.5 Hr	A			419.95
4	1046277	2006-2010 Chevy Duramax (Driver's Side)	Chevy	1.5 Hrs	A	124		236.95

### High Torque Hose Clamp

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1405208	High Torque Hose Clamp - 2.59in-2.94in	All		A			23.95
4	1405209	High Torque Hose Clamp - 2.75"	All		A			23.95
4	1405211	High Torque Hose Clamp - 3"	All		A			23.95
4	1405212	High Torque Hose Clamp - 3.5"	All		A			23.95
4	1405213	High Torque Hose Clamp - 4"	All		A			23.95

EMS (Emissions) Code: See table of contents page for more info

**Note 106:** Requires a tuner that can turn off grid heater code

**Note 117:** May require tuning to disable fault code P2609

**Note 124:** Kit contains driver's side boots & clamps only

**Note 1407:** 2007-2012 applications require the use of a Dremel or hacksaw to remove an aluminum tab on grid heater (See installation manual for detailed instructions)

# Exhaust Manifolds and Systems

## EXHAUST MANIFOLDS & UPPIPES



### Ford F-150 3.5L EcoBoost Exhaust Manifold

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
1	1043001	Manifold Set - 2011-2016 3.5L EcoBoost F-150	Ford	8 Hrs	A	340,1368,1391		395.95
4	1043002	Exhaust Manifold Install Kit F-150 3.5L EcoBoost 2011-2016	Ford		A			257.95
2	1043003	Driver Side - 2011-2016 3.5L EcoBoost F-150	Ford	8 Hrs	A	326		214.95
1	1043004	Passenger Side - 1500 DS (Classic) 2009-2024	Dodge	8 Hrs	A	326		233.95

### Ford 7.3L Replacement Turbo Feed Up-Pipes

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
2	1043900	1999.5-2003 7.3L F-250/F-350 Super Duty	Ford	3 Hrs	A	107		458.95
2	1043900	1999.5-2003 7.3L E-350 Econoline	Ford	3 Hrs	A	107		458.95
2	1043900	1999.5-2003 7.3L Excursion	Ford	3 Hrs	A	107		458.95

### Ford 6.0L Up-Pipes & Exhaust Manifolds

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
2	1041480	Manifold Set - 2003-2007 6.0L	Ford	6 Hrs	A	215,334		667.95
4	1041483	Exhaust Manifold Bolt and Spacer Kit 2003-2007 6.0L F250/F350	Ford		A			59.95
2	1041485	Driver Side - 2003-2007 6.0L	Ford	6 Hrs	A	215		345.95
2	1041486	Passenger Side - 2003-2007 6.0L	Ford	6 Hrs	A	334		383.95
2	1043918	Up-Pipes 2004.5-2007 6.0L c/w EGR Connector	Ford	4.5 Hrs	A			411.95
2	1043917	Up-Pipes 2003-2004 6.0L c/w EGR Connector	Ford	4.5 Hrs	A	78		411.95

### Ford 6.4L Up-Pipes & Exhaust Manifolds

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
2	1041482	Manifold Set - 2008-2010 6.4L F-250/F-350/F-450/F-550	Ford	12.8 Hrs	A			504.95
2	1041487	Individual (Passenger or Driver Side) - 2008-2010 6.4L F-250/F-350/F-450/F-550	Ford	7 Hrs	A			285.95
2	1043909	Up-Pipes Set - 2008-2010 6.4L	Ford	13.5 Hrs	A			583.95
2	1041484	Up-Pipes & Manifold Kit - 2008-2010 6.4L	Ford	26 Hrs	A			951.95

### Ford 6.7L Exhaust Manifolds

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
1	1043007	2011-2014 6.7L Pick-up Wide Frame F250/F350	Ford	9 Hrs	A	229,356,1369		514.95
1	1043008	2015-2019 6.7L Pick Up Wide Frame F250/F350	Ford	9 Hrs	A	229,356,1369		514.95
1	1043007	2011-2016 6.7L Cab & Chassis Narrow Frame F350/F450/F550	Ford	9 Hrs	A	229,356,1369		514.95
1	1043008	2017-2019 6.7L Cab & Chassis Narrow Frame F350/F450/F550	Ford	9 Hrs	A	229,356,1369		514.95
1	1043008	2016-2019 6.7L F650	Ford	9 Hrs	A	229,356,1369		514.95
1	1043006	Driver Side - 2011-2019 6.7L	Ford		A	356,1369		334.95
1	1043005	Passenger Side - 2011-2014 6.7L	Ford	9 Hrs	A	229,356,1369		287.95
1	1043009	Passenger Side - 2015-2019 6.7L	Ford	9 Hrs	A	229,356,1369		294.95
4	1462434	Stud Install Tool M8x1.25	All		A	263		23.95

### Duramax Up-Pipes - Replacement Turbo Feed Pipes

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
2	1043800	2001-2004 LB7 Up-Pipes Set	Chevy	5 Hrs	A	61		574.95
2	1043803	2001-2004 LB7 Up-Pipe Passenger Side Only	Chevy	4 Hrs	A	61		284.95

### Duramax Full Bore Exhaust Manifold

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
2	1041460	2001-2016 Duramax	Chevy	3 Hrs	A	71,216		190.95

EMS (Emissions) Code: See table of contents page for more info

**Note 61:** Aftermarket downpipe required - Some modification necessary

**Note 71:** Gaskets sold separately

**Note 78:** Up-Pipes installation on 2003-2004.5 years requires the removal of OEM heat shield. Order 5C3Z-9F460-A heat shield from local Ford dealer for owners whom wish to have one reinstalled.

**Note 107:** Will not work on early 1999 PowerStrokes (build date 03/21/99 and earlier)

**Note 215:** Replaces OEM # 3C3Z9431AB, 1840994C1

**Note 216:** Replaces OEM # 12624684, 12637647, 97224587

**Note 229:** Trucks using the MPD budget SXE turbo kit must use part number 1043006 with an OEM passenger side manifold

**Note 263:** Will not work with Ford OEM exhaust studs

**Note 326:** This product has two pending patents: 1) Manifold flange design 2) Stud and spacer fastener arrangement

**Note 334:** Replaces OEM # 3C3Z9430AB 1840770C1

**Note 340:** This product is patent pending for the manifold flange design

**Note 356:** CARB EO No. D-553-17

**Note 1368:** SEMA Certification No. SC-BDD01-0069

**Note 1369:** SEMA Certification No. SC-BDD01-0050

**Note 1391:** CARB EO No. D-553-18

# Exhaust Manifolds and Systems

## EXHAUST MANIFOLDS & UPPIPES



### MotorHome Cummins 5.9L 12-valve Exhaust Manifolds

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
2	1045989	12-valve 2-piece	Dodge	5 Hrs	A			659.95

### Dodge HEMI 5.7L Exhaust Manifold

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1041463	Manifold Set - 1500 DS (Classic) 2009-2024	Dodge	2.3 Hrs	A	336,337,345		515.95
4	1041467	Manifold Set - 1500 DT 2019-2024	Dodge	5.2 Hrs	A	1402,1408		515.95
4	1041463	Manifold Set - 2500 DJ 2009-2018	Dodge	2.3 Hrs	A	336,337,345		515.95
4	1041463	Manifold Set - 3500 D2 2011-2018 / DC 2011-2015	Dodge	2.3 Hrs	A	336,337,345		515.95
4	1041465	Driver Side - 2009-2024 5.7L 1500/2500/3500	Dodge	2.3 Hrs	A	1375,1377		274.95
4	1041464	Passenger Side - 1500 DS (Classic) 2009-2024	Dodge	2.3 Hrs	A	336,338,344		274.95
4	1041469	Passenger Side - 1500 DT 2019-2024	Dodge	3.5 Hrs	A	1402,1409		274.95
4	1041464	Passenger Side - 2500 DJ 2009-2018	Dodge	2.3 Hrs	A	336,338,344		274.95
4	1041464	Passenger Side - 3500 D2 2011-2018 / DC 2011-2015	Dodge	2.3 Hrs	A	336,338,344		274.95

### Dodge 5.9L Exhaust Manifolds

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
2	1045948	1988-1998 5.9L 12-Valve	Dodge	2.5 Hrs	A	212		559.95
2	1045947	1998.5-2002 5.9L 24-valve	Dodge	2.5 Hrs	A	365		559.95
2	1045987	2003-2007 5.9L 24-valve 2-piece	Dodge	2.5 Hrs	A	13,365		559.95

### Dodge 5.9L Exhaust Manifolds Gaskets

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1045981	1988-1998 12-valve Manifold Gasket Set	Dodge	2.5 Hrs	A			45.95
4	1045986	1998-2007 5.9L 24-valve Manifold Gasket Set	Dodge	2.5 Hrs	A			82.95

### Dodge 6.7L Exhaust Manifold

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
2	1045965	2007.5-2018 6.7L 2500/3500 OE HE Turbo Mount	Dodge	8.7 Hrs	A	213,214,366		559.95
2	1045967	2007.5-2012 6.7L 3500/4500/5500 Cab-Chassis HE351 Turbo Mount	Dodge	8.7 Hrs	A	366		559.95
2	1045968	2013-2018 6.7L 3500/4500/5500 Cab-Chassis HE300VG Turbo Mount	Dodge	8.7 Hrs	A	366		589.95

### Dodge 6.7L Exhaust Manifold Gaskets

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1045992	2007.5-2018 6.7L 2500/3500 OE HE Turbo Mount	Dodge	8.7 Hrs	A			90.95
4	1045992	2007.5-2012 6.7L Cab & Chassis	Dodge	8.7 Hrs	A			90.95
4	1045994	2013-2018 6.7L Cab & Chassis	Dodge	8.7 Hrs	A			114.95

### Dodge 5.9L/6.7L T4 and T6 Exhaust Manifolds

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
3	1045987-T4	2003-2007 5.9L w/T4 Mount 2-pc Stock Location	Dodge	2.5 Hrs	A			599.95
3	1045947-T4	1998.5-2007 5.9L w/T4 Mount 40-Degree	Dodge	2.5 Hrs	A			626.95
3	1045995-T4	1998.5-2007 5.9L w/T4 Mount	Dodge	2.5 Hrs	A			626.95
3	1045995-T6	1998.5-2007 5.9L w/T6 Mount	Dodge	2.5 Hrs	A			626.95
3	1045996-T4	1998.5-2007 5.9L w/T4 Wastegated 20-Degree	Dodge		Z			626.95
3	1045996-T6	1998.5-2007 5.9L w/T6 Wastegated 20-Degree	Dodge		Z			626.95
3	1045965-T4	2007.5-2018 6.7L 2500/3500 Aftermarket T4 Turbo Mount	Dodge	2.5 Hrs	A			626.95
2	1045996-WGK	Wastegate Regulator Kit	Dodge	1.0 Hr	A			77.95

EMS (Emissions) Code: See table of contents page for more info

**Note 13:** 1045987 can be used as a direct replacement for Cummins part numbers 3967995, 3943871 & 3943875 used on pick-up, motor homes, industrial and commercial engines.

**Note 212:** Should not be used on systems that utilize EGR

**Note 213:** Replaces Chrysler # 68027070AA, 68027070AB, 68210184AB

**Note 214:** Replaces Cummins # 5301441

**Note 336:** 2019+ Vin Decoder for manifold fitment - The 6th digit designates the truck model (X X X X X 6 X X X X X X X X X X). If the digit is a 6 or 7 then the truck is a RAM 1500 Classic (DS model) and the BD manifolds will fit your application.

**Note 337:** OE part number interchange: Left side: 68045559AB, 53034137AC, 68045559AA, 68045559AB | Right side: 5045486AA, 68045560AB, 53034138AC, 68045560AA

**Note 338:** OE part number interchange: Passenger (right side): 5045486AA, 68045560AB, 53034138AC, 68045560AA

**Note 344:** These manifolds will only fit the classic (DS) body style NOT the DT

**Note 345:** These manifolds will only fit the 2009-2022 classic DS body style NOT the 2019 + DT body style

**Note 365:** SEMA Certification No. SC-BDD01-0078

**Note 366:** SEMA Certification No. SC-BDD01-0077

**Note 1375:** This single driver-side manifold is compatible with both DS and DT body styles, please note that our HEMI manifold kit (PN: 1041463) and the single passenger-side manifold (PN: 1041464) are designed exclusively for the DS body style and are not suitable for the DT body style.

**Note 1377:** OE part number interchange: Driver (left) side: 68045559AB, 53034137AC, 68045559AA, 68045559AB, 68591573AB

**Note 1402:** 2019+ Vin Decoder for manifold fitment - The 6th digit designates the truck model (X X X X X 6 X X X X X X X X X X). If the digit is an E or F then the truck is a RAM 1500 DT model and the BD manifolds will fit your application.

**Note 1408:** OE part number interchange: Left side: 68591573AB | Right side: 68591572AB, 68021512BA/AD/AE/AF

**Note 1409:** OE part number interchange: 68591572AB, 68021512BA/AD/AE/AF

# Exhaust Manifolds and Systems

## EXHAUST MANIFOLDS & UPPIPES



### Dodge T4 and T6 Exhaust Manifold Gaskets

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1045986-T4	1998.5-2018 5.9L/6.7L T4 Manifold Gasket Set	Dodge	2.5 Hrs	A			85.95
4	1045986-T6	1998.5-2018 5.9L/6.7L T6 Manifold Gasket Set	Dodge	2.5 Hrs	A			85.95
4	1045992-T4	2007.5-2018 6.7L 2500/3500 Aftermarket T4 Turbo Mount	Dodge	2.5 Hrs	A			90.95

### Dodge 5.9L/6.7L Exhaust Manifold Bolt Kit

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1045982	1998.5-2018 5.9L/6.7L	Dodge		A	249,250		90.95

## EXHAUST



### Flo-Pro Single Exhaust Systems

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
2	FLOSS822	1994-1997 6.5L 4-inch (3-inch DownPipe) Stainless	Chevy		C	188		677.00
2	FLOSS801	2001-2007 6.6L 4-inch Stainless	Chevy		C			777.00
2	FLOSS601	2001-2007 6.6L 5-inch Stainless	Chevy		C			908.00
2	FLO847	1989-1993 5.9L 4-inch Aluminized	Dodge		C			616.00
2	FLOSS847	1989-1993 5.9L 4wd Long Box 4-inch Stainless	Dodge		C			708.00
2	FLOSS802	1994-2002 5.9L 4-inch Stainless	Dodge		C			677.00
2	FLOSS602NM	1994-2002 5.9L 5-in No-Muffler (4-in DownPipe) Stainless	Dodge		C			916.00
2	FLOSS805	2003-2004 5.9L 4-inch Stainless	Dodge		C			677.00
2	FLO605	2003-2004 5.9L 5-inch Aluminized	Dodge		C			716.00
2	FLOSS819	2004.5-2007 5.9L 4-inch Stainless	Dodge		C			816.00
2	FLOSS619NM	2004.5-2007 5.9L 5-in No-Muf (4-in DownPipe) Stainless	Dodge		C			993.00
2	FLOSS619	2004.5-2007 5.9L 5-inch Stainless	Dodge		C			1,031.00
2	FLO629	2007.5-2009 6.7L 5-inch DPF-Back No-Muffler Aluminized	Dodge		C			347.00
2	FLO641	2010-2012 6.7L 5-inch DPF-Back No-Muffler Aluminized	Dodge		C			439.00
2	FLOSS821	1994-1997 7.3L 4-inch (3-inch 2-pc DownPipe) Stainless	Ford		C	188,283		708.00
2	FLO831	1999-2003 7.3L 4-inch Aluminized	Ford		C			508.00
2	FLOSS831	1999-2003 7.3L 4-inch Stainless	Ford		C			677.00
2	FLO831NM	1999-2003 7.3L 4-inch No-Muffler Aluminized	Ford		C			454.00
2	FLOSS831NM	1999-2003 7.3L 4-inch No-Muffler Stainless	Ford		C			639.00
2	FLOSS824	2003-2007 6.0L Auto 4-inch Stainless	Ford		C			777.00
2	FLO640	2011-2017 6.7L Auto 5-inch No-Muffler Aluminized	Ford		C	190,276		454.00

### Exhaust Tips

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	FLO8912RAB	Rolled Angle Cut Polished Stainless 4in x 5in x 12in BoltOn	All		C			48.00
2	FLO9012RAB	Rolled Angle Cut Polished Stainless 5in x 6in x 12in BoltOn	All		C	98		59.00
4	DIA-5612BRA	5in Rolled End	All	0.5 Hr	C			40.00
4	FLO406015RACBX	Rolled Angle Cut Black 4in x 6in x 15in BoltOn	All		C			85.00

EMS (Emissions) Code: See table of contents page for more info

**Note 98:** For sale in Canada only

**Note 188:** No Regular Cab

**Note 190:** Will not fit Extended Cab / Short Box trucks

**Note 249:** 2003-2007 5.9L - Factory heat shield must be removed

**Note 250:** Will fit 1994-1998 5.9L with aftermarket manifold (does not fit OEM Manifolds)

**Note 276:** 2015-up trucks will require drilling and tapping of the axle pipe for sensor installation

**Note 283:** Will not fit trucks equipped with dual fuel tanks

# Covers and Pans

## **DIFF COVERS**



### Differential Covers

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1061835	Rear DANA 70 - 1981-1993 2500/3500	Dodge	0.5 Hr	A			381.95
4	1061835	Rear DANA 70 - 1994-2002 2500 Auto Trans	Dodge	0.5 Hr	A			381.95
4	1061825	Rear AA 14-11.5 - 2003-2018	Dodge	0.5 Hr	A	138		318.95
4	1061825-RCS	Rear AAM 14-Bolt - 2013-2018 2500 w/RCS	Dodge	1 Hr	A			329.95
4	1061826	Front AA 14-9.25 - 2500 2003-2013 / 3500 2003-2012	Dodge	0.5 Hr	A			329.95
4	1061828	Front AA 12-9.25 - 2500 2014-2022 / 3500 2013-2022	Dodge	0.5 Hr	A			350.95
4	1061827	Front & Rear Combo Kit - 2500 2003-2013 / 3500 2003-2012	Dodge	1 Hr	A	196		574.95
4	1061829	Front & Rear Combo Kit - 2500 2014-2018 / 3500 2013-2018	Dodge	1 Hr	A	196		581.95
4	1061830	Rear Sterling 12-10.25/10.5 - 1989-2019 Single Rear Wheel Only	Ford	0.5 Hr	A			349.95
4	1061825	Rear AA 14-11.5 - 2001-2018	Chevy	0.5 Hr	A	138		318.95
4	1601613	Magnetic Drain Plug 3/4x16NF	All		P			5.95

## **TRANSMISSION PANS**



### Deep Sump Transmission Pans

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1061501	727 / 518 / 47RH / 47RE / 48RE 1989-2007	Dodge	1.5 Hrs	A			335.95
4	1061525	545RFE 2002-2011	Dodge	1.5 Hrs	A	125		344.95
4	1061525	68RFE 2007.5-2022 6.7L Cummins	Dodge	1.5 Hrs	A	125		344.95
4	1061716	E4OD / 4R100 / 5R110 1989-2010	Ford	1.5 Hrs	A	1392		419.95
4	1061720	6R140 2011-2018	Ford	1 Hr	A			408.95
4	1061717	10R60 / 10R80 F-150 2017-2024	Ford	3 Hrs	A	1399		324.95
4	1061718	10R60 / 10R80 F-150 2017-2024 c/w Hardware	Ford	3 Hrs	A	1399		409.95
4	1061650	Allison 1000 2001-2018	Chevy	1.5 Hrs	A			408.95
4	1601613	Magnetic Drain Plug 3/4x16NF	All		P			5.95

## **VALVE COVERS**



### Dodge 12-valve Cool Valve Covers

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1061800	1988-1998 12-valve 5.9L - Single	Dodge	1.5 Hrs	A	46		69.95
4	1061800-6	1988-1998 12-valve 5.9L - Set of 6	Dodge	1.5 Hrs	A	46		380.95

EMS (Emissions) Code: See table of contents page for more info

**Note 46:** Heads with aftermarket studs that OEM cover covers will not fit will require grinding of Cool Cover

**Note 125:** Will fit most 545RFE transmissions with HEMI and 4.7L engines where exhaust crossover pipe, frame cross member or catalytic converter do not interfere.

**Note 138:** Dodge 2013-up with AAM 14-Bolt and Rear Coil Spring (RCS) use 1061825-RCS

**Note 196:** Cannot be used on 2013-up with Rear Coil Spring (RCS)

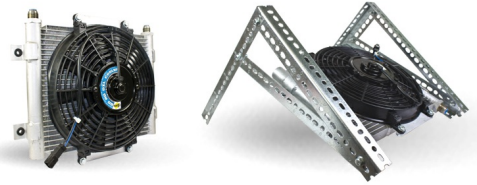
**Note 1392:** 5R110 transmissions will require filter# 8C3Z-7A098-D which is not included in the kit

**Note 1399:** Not compatible with Hybrid powertrain



# Transmissions - Assemblies, Parts and Components

## TRANS OIL COOLERS



### Xtruded Auxiliary Transmission Oil Coolers

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1030606-1/2	1994-2018 47RH,47RE,48RE,68RFE - 1/2 Cooler Lines	Dodge	3.5 Hrs	A	96		699.95
4	1030606-5/16	1994-1997 E4OD - 5/16 Cooler Lines	Ford	3.5 Hrs	A	96		699.95
4	1030606-3/8	1999-2003 4R110 - 3/8 Cooler Lines	Ford	3.5 Hrs	A	96		699.95
4	1030606-1/2	2003-2018 5R110/6R140 - 1/2 Cooler Lines	Ford	3.5 Hrs	A	96		699.95
4	1030606-5/16	1991-1999 4L80E - 5/16 Cooler Lines	Chevy	3.5 Hrs	A	96		699.95
4	1030606-3/8	1999-2000 4L80E - 3/8 Cooler Lines	Chevy	3.5 Hrs	A	96		699.95
4	1030606-5/8	2001-2018 Allison 1000 - 5/8 Cooler Lines	Chevy	3.5 Hrs	A	96		699.95
4	1030606-5/16	5/16 inch Cooler Lines	All	3.5 Hrs	A	96		699.95
4	1030606-3/8	3/8 inch Cooler Lines	All	3.5 Hrs	A	96		699.95
4	1030606-1/2	1/2 inch Cooler Lines	All	3.5 Hrs	A	96		699.95
4	1030606-5/8	5/8 inch Cooler Lines	All	3.5 Hrs	A	96		699.95
4	1300611	Xtruded Trans Oil Cooler w/fan & -10 JIC Male Connectors (No hardware)	All		A	96,139		323.95

### Double Stacked Auxiliary Transmission Coolers

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1030606-DS-12	1994-2018 47RH,47RE,48RE,68RFE - 1/2 Cooler Lines	Dodge	3.5 Hrs	A	96		1,019.95
4	1030606-DS-12	2003-2018 5R110/6R140 - 1/2 Cooler Lines	Ford	3.5 Hrs	A	96		1,019.95
4	1030606-DS-58	2001-2018 Allison 1000 - 5/8 Cooler Lines	Chevy	3.5 Hrs	A	96		1,019.95
4	1030606-DS-12	1/2 inch Cooler Lines	All	3.5 Hrs	A	96		1,019.95
4	1030606-DS-58	5/8 inch Cooler Lines	All	3.5 Hrs	A	96		1,019.95
4	1300601-DS	Double Stacked Cooler Only	All		A	96,139		687.95

### Transmission Cooler Electric Fans

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1030607	Universal Electric Fan Kit 80-watt 10-inch 800 CFM - Non-BD Coolers	All	1 Hr	A			80.95

### Transmission Cooler Temperature Sensors

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1300620	Temperature Sensor (Black Leads) 180 On / 160 Off	All		P			37.95
4	1400142	Sensor Adapter For 1300620/1300621 -10 JICM x 1/2 Barb	All		P			31.95

### In-Line Transmission Filter Kits

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1064017	1994-2007 47RH / 47RE / 48RE	Dodge	1.5 Hrs	A			344.95
4	1064012	1994-1997 E4OD	Ford	1.5 Hrs	A			292.95
4	1064013	1999-2003 4R100	Ford	1.5 Hrs	A			292.95
4	1064018	2008-2010 5R110	Ford	1.5 Hrs	A			292.95
4	1604008	Replacement Filter Cartridge	All		A	16		21.95

## DODGE TRANSMISSIONS



### Dodge 68RFE Roadmaster Transmission & Converter Packages

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1064222SS	2007.5-2018 68RFE 2wd c/w ProForce Converter	Dodge	9 Hrs	D		2,500	5,459.00
4	1064224SS	2007.5-2018 68RFE 4wd c/w ProForce Converter	Dodge	9 Hrs	D		2,500	5,459.00
4	1064302SS	2019-2022 68RFE 2wd c/w ProForce Converter	Dodge	9 Hrs	D		2,500	5,459.00
4	1064304SS	2019-2022 68RFE 4wd c/w ProForce Converter	Dodge	9 Hrs	D		2,500	5,459.00

### Dodge 68RFE Roadmaster Transmissions

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1064222	2007.5-2018 68RFE 2wd	Dodge	9 Hrs	D		1,800	4,429.00
4	1064224	2007.5-2018 68RFE 4wd	Dodge	9 Hrs	D		1,800	4,429.00
4	1064302	2019-2022 68RFE 2wd	Dodge	9 Hrs	D		1,800	4,429.00

EMS (Emissions) Code: See table of contents page for more info

**Note 16:** Equivalent to Luberfiner LFP5570 & Wix 51268

**Note 96:** Intended to be used in conjunction with factory transmission coolers and not as stand-alone units

**Note 139:** Exceeding the duty cycle may result in voiding the warranty



# Transmissions - Assemblies, Parts and Components



## Dodge 68RFE Roadmaster Transmissions (Continued)

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1064304	2019-2022 68RFE 4wd	Dodge	9 Hrs	D		1,800	4,429.00

## Dodge 68RFE TowMaster Transmission & Converter Packages

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1064262SM	2007.5-2018 68RFE 2wd c/w ProForce 3D Converter	Dodge	9 Hrs	D		2,500	7,099.00
4	1064262SS	2007.5-2018 68RFE 2wd c/w ProForce Converter	Dodge	9 Hrs	D		2,500	6,530.00
4	1064264SS	2007.5-2018 68RFE 4wd c/w ProForce Converter	Dodge	9 Hrs	D		2,500	6,530.00
4	1064292SM	2019-2022 68RFE 2wd c/w ProForce 3D Converter	Dodge	9 Hrs	D	298	2,500	7,099.00
4	1064292SS	2019-2022 68RFE 2wd c/w ProForce Converter	Dodge	9 Hrs	D	298	2,500	6,530.00
4	1064294SM	2019-2022 68RFE 4wd c/w ProForce 3D Converter	Dodge	9 Hrs	D	298	2,500	7,099.00
4	1064294SS	2019-2022 68RFE 4wd c/w ProForce Converter	Dodge	9 Hrs	D	298	2,500	6,530.00

## Dodge 68RFE TowMaster Transmissions

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1064262	2007.5-2018 68RFE 2wd	Dodge	9 Hrs	D	93	1,800	5,515.00
4	1064264	2007.5-2018 68RFE 4wd	Dodge	9 Hrs	D	93	1,800	5,515.00
4	1064292	2019-2022 68RFE 2wd	Dodge	9 Hrs	D	93,298	1,800	5,515.00
4	1064294	2019-2022 68RFE 4wd	Dodge	9 Hrs	D	93,298	1,800	5,515.00

## Dodge 68RFE TorqueMaster Transmission & Converter Packages (c/w Billet Input Shaft)

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1064262BM	2007.5-2018 68RFE 2wd	Dodge	9 Hrs	D		2,500	8,019.00
4	1064264BM	2007.5-2018 68RFE 4wd	Dodge	9 Hrs	D		2,500	8,019.00
4	1064292BM	2019-2022 68RFE 2wd	Dodge	9 Hrs	D	298	2,500	8,019.00
4	1064294BM	2019-2022 68RFE 4wd	Dodge	9 Hrs	D	298	2,500	8,019.00

## Dodge 68RFE TorqueMaster Transmissions (c/w Billet Input Shaft)

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1064264B	2007.5-2018 68RFE 4wd	Dodge	9.0 Hrs	D	93	1,800	6,475.00
4	1064292B	2019-2022 68RFE 2wd	Dodge	9 Hrs	D	93,298	1,800	6,475.00
4	1064294B	2019-2022 68RFE 4wd	Dodge	9 Hrs	D	93,298	1,800	6,475.00

## Dodge 48RE Roadmaster Transmission & Converter Packages

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1064142SS	2003-2004 48RE 2wd	Dodge	7.5 Hrs	D		2,500	4,299.00
4	1064144SS	2003-2004 48RE 4wd	Dodge	7.5 Hrs	D		2,500	4,299.00
4	1064202SS	2005-2007 48RE 2wd	Dodge	7.5 Hrs	D		2,500	4,299.00
4	1064204SS	2005-2007 48RE 4wd	Dodge	7.5 Hrs	D		2,500	4,299.00

## Dodge TowMaster Transmission & Converter Packages

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1064152SS	1994-1995 47RH 2wd	Dodge	7 Hrs	D		2,500	5,045.00
4	1064154SS	1994-1995 47RH 4wd	Dodge	9 Hrs	D		2,500	5,045.00
4	1064162SS	1996-1997 47RE 2wd w/Speed Sensor & Speedo Head	Dodge	7 Hrs	D	230	2,500	5,045.00
4	1064164SS	1996-1998 47RE 4wd 12-valve	Dodge	9 Hrs	D		2,500	5,045.00
4	1064172SS	1997-1999 47RE 2wd w/Speed Sensor Only - No Speedo Head	Dodge	9 Hrs	D	230	2,500	5,045.00
4	1064174SS	1998-1999 47RE 4wd 24-valve	Dodge	9 Hrs	D		2,500	5,045.00
4	1064182SS	2000-2002 47RE 2wd	Dodge	9 Hrs	D		2,500	5,045.00
4	1064184SS	2000-2002 47RE 4wd	Dodge	9 Hrs	D		2,500	5,045.00
4	1064192SS	2003-2004 48RE 2wd	Dodge	8 Hrs	D		2,500	5,045.00
4	1064194SS	2003-2004 48RE 4wd	Dodge	8 Hrs	D		2,500	5,045.00
4	1064232SS	2004.5-2007 48RE 2wd w/TW Stepper Motor	Dodge	7.5 Hrs	D		2,500	5,045.00
4	1064234SS	2004.5-2007 48RE 4wd w/TW Stepper Motor	Dodge	7.5 Hrs	D		2,500	5,045.00

## Dodge TowMaster Transmissions

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1030311F	1991-1993 4wd 518	Dodge	7.5 Hrs	D	93,271	1,500	3,450.00
4	1064154F	1994-1995 47RH 4wd	Dodge	9 Hrs	D	93	1,800	4,035.00
4	1064164F	1996-1998 47RE 4wd 12-valve	Dodge	9 Hrs	D	93	1,800	4,035.00

EMS (Emissions) Code: See table of contents page for more info

**Note 93:** BD torque converter must be installed at the time of installation of the transmission - use of a 3rd party or OE converter will invalidate the transmission warranty

**Note 230:** 1997 2wd with speed sensor & speedo head use 1064162SS or 1064162BM, if just a speed sensor then 1064172SS or 1064172BM

**Note 271:** Some later 1993 models came with 47RH (3-pin) transmission instead of 518 (2-pin). Confirm pin count of the plug going to valve body connector is 2.

**Note 298:** Special tuning required for 2019-up applications for increased line pressure

# Transmissions - Assemblies, Parts and Components



## Dodge TowMaster Transmissions (Continued)

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1064174F	1998-1999 47RE 4wd 24-valve	Dodge	9 Hrs	D	93	1,800	4,035.00
4	1064182F	2000-2002 47RE 2wd	Dodge	9 Hrs	D	93	1,800	4,035.00
4	1064184F	2000-2002 47RE 4wd	Dodge	9 Hrs	D	93	1,800	4,035.00
4	1064192F	2003-2004 48RE 2wd	Dodge	8 Hrs	D	93	1,800	4,035.00
4	1064194F	2003-2004 48RE 4wd	Dodge	8 Hrs	D	93	1,800	4,035.00
4	1064232F	2004.5-2007 48RE 2wd w/TW Stepper Motor	Dodge	7.5 Hrs	D	93	1,800	4,035.00
4	1064234F	2004.5-2007 48RE 4wd w/TW Stepper Motor	Dodge	7.5 Hrs	D	93	1,800	4,035.00

## Dodge TorqueMaster Transmission & Converter Packages (c/w Billet Input Shaft)

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1064152BM	1994-1995 47RH 2wd	Dodge	7 Hrs	D		2,500	6,179.00
4	1064154BM	1994-1995 47RH 4wd	Dodge	9 Hrs	D		2,500	6,179.00
4	1064162BM	1996-1997 47RE 2wd w/Speed Sensor & Speedo Head	Dodge	7 Hrs	D	230	2,500	6,179.00
4	1064164BM	1996-1998 47RE 4wd 12-valve	Dodge	9 Hrs	D		2,500	6,179.00
4	1064174BM	1998-1999 47RE 4wd 24-valve	Dodge	9 Hrs	D		2,500	6,179.00
4	1064182BM	2000-2002 47RE 2wd	Dodge	9 Hrs	D		2,500	6,179.00
4	1064184BM	2000-2002 47RE 4wd	Dodge	9 Hrs	D		2,500	6,179.00
4	1064192BM	2003-2004 48RE 2wd	Dodge	8 Hrs	D		2,500	6,179.00
4	1064194BM	2003-2004 48RE 4wd	Dodge	8 Hrs	D		2,500	6,179.00
4	1064232BM	2004.5-2007 48RE 2wd w/TW Stepper Motor	Dodge	7.5 Hrs	D		2,500	6,179.00
4	1064234BM	2004.5-2007 48RE 4wd w/TW Stepper Motor	Dodge	7.5 Hrs	D		2,500	6,179.00

## Dodge TorqueMaster Transmissions

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1064174BF	1998-1999 47RE 4wd 24-valve	Dodge	9 Hrs	D	93	1,800	4,945.00
4	1064184BF	2000-2002 47RE 4wd	Dodge	9 Hrs	D	93	1,800	4,945.00
4	1064194BF	2003-2004 48RE 4wd	Dodge	8 Hrs	D	93	1,800	4,945.00
4	1064234BF	2005-2007 48RE 4wd	Dodge	7.5 Hrs	D	93	1,800	4,945.00

## Dodge 48RE TowMaster & TorqueMaster Transmissions w/Tapshifter & Converter Packages

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1064194SST	2003-2004 48RE 4wd Stage 4	Dodge	9 Hrs	D		2,500	6,110.00
4	1064194BMT	2003-2004 48RE 4wd Stage 5 c/w Billet	Dodge	9 Hrs	D		2,500	7,275.00
4	1064232SST	2005-2007 48RE 2wd Stage 4	Dodge	7.5 Hrs	D		2,500	6,110.00
4	1064234SST	2005-2007 48RE 4wd Stage 4	Dodge	7.5 Hrs	D		2,500	6,110.00
4	1064234BMT	2005-2007 48RE 4wd Stage 5 c/w Billet	Dodge	7.5 Hrs	D		2,500	7,275.00

## Dodge 48RE TowMaster & TorqueMaster Transmissions w/Tapshifter

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1064194BFT	2003-2004 48RE 4wd Stage 5 c/w Billet	Dodge	9 Hrs	D	93	1,800	6,110.00
4	1064234FT	2005-2007 48RE 4wd Stage 4	Dodge	7.5 Hrs	D	93	1,800	5,098.00
4	1064234BFT	2005-2007 48RE 4wd Stage 5 c/w Billet	Dodge	7.5 Hrs	D	93	1,800	6,110.00

## Ford Roadmaster Transmission & Converter Packages

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1064524SS	6R140 2011-2016 4wd	Ford	12 Hrs	D	260,262,341,342	1,500	5,865.00
4	1064534SS	6R140 2017-2019 4wd	Ford	12 Hrs	D	260,341,342	1,500	5,865.00
4	1064614SS	10R80 F150 2018-2020 2.7L/3.5L 4wd	Ford	13 Hrs	D	368,1387,1390	2,000	3,995.00
4	1064612SS	10R80 F150 2018-2020 2.7L/3.5L 2wd	Ford	13 Hrs	D	368,1386,1390	2,000	3,995.00
4	1064624SS	10R80 F150 2018-2020 5.0L 4wd	Ford	13 Hrs	D	368,1389	2,000	3,995.00
4	1064622SS	10R80 F150 2018-2020 5.0L 2wd	Ford	13 Hrs	D	368,1388	2,000	3,995.00

EMS (Emissions) Code: See table of contents page for more info

**Note 93:** BD torque converter must be installed at the time of installation of the transmission - use of a 3rd party or OE converter will invalidate the transmission warranty

**Note 230:** 1997 2wd with speed sensor & speedo head use 1064162SS or 1064162BM, if just a speed sensor then 1064172SS or 1064172BM

**Note 260:** Ford scanner required to update the TCM with the new solenoid code and initiate a relearn - very critical component to make sure the transmission works properly

**Note 262:** Early 2011 model years will require 6 bolt flexplate (Approx. Pre Jan 2012 build date) See BD #1041245 or contact Ford

**Note 341:** Transmission is compatible with both 2wd and 4wd applications

**Note 342:** 2WD applications require the yoke adapter and rear mount bracket be transferred over during installation

**Note 368:** Ford scanner or equivalent required to update the TCM with the new solenoid code and initiate a relearn - very critical component to make sure the transmission works properly.

**Note 1386:** Replaces OEM # JL3Z7000M, JL3Z7000B, JL1Z7000A, JL1Z7000C

**Note 1387:** Replaces OEM # JL3Z7000M, JL3Z7000CRM

**Note 1388:** Replaces OEM # JL3Z7000E, JL3Z7000DRM

**Note 1389:** Replaces OEM # JL3Z7000F, JL3Z7000ERM

**Note 1390:** Also fits 2018-2021 Ford Expedition 3.5L with conventional shifter - does not fit Expedition/Navigator with electronic shift knob

# Transmissions - Assemblies, Parts and Components



## Ford Roadmaster Transmission & Converter Packages (Continued)

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1064432SM	4R100 1999-2003 2wd	Ford	7 Hrs	D		1,500	3,995.00
4	1064434SM	4R100 1999-2003 4wd	Ford	7 Hrs	D		1,500	3,995.00



## Ford TowMaster Transmission & Converter Packages

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1064422SM	1995-1997 E4OD 2wd	Ford	5 Hrs	D		1,800	5,045.00
4	1064424SM	1995-1997 E4OD 4wd	Ford	7 Hrs	D		1,800	5,045.00
4	1064442SM	1999-2003 4R100 2wd	Ford	5 Hrs	D	284,310	1,500	5,045.00
4	1064444SM	1999-2003 4R100 4wd	Ford	7 Hrs	D	284,310	1,500	5,045.00
4	1064462SM	2003-2004 5R110 2wd Yoke Shaft Mount	Ford	5 Hrs	D	346	1,800	4,840.00
4	1064464SM	2003-2004 5R110 4wd/2wd Flange Shaft Mount	Ford	7 Hrs	D		1,800	4,840.00
4	1064482SM	2005-2007 5R110 2wd Yoke Shaft Mount	Ford	5 Hrs	D	346	1,800	4,840.00
4	1064484SM	2005-2007 5R110 4wd/2wd Flange Shaft Mount	Ford	7 Hrs	D		1,800	4,840.00
4	1064492SM	2008-2010 5R110 2wd Yoke Shaft Mount	Ford	7 Hrs	D	346	2,000	5,250.00
4	1064494SM	2008-2010 5R110 4wd/2wd Flange Shaft Mount	Ford	7 Hrs	D		2,000	5,250.00
4	1064504SS	2011-2016 6R140 4wd	Ford	12 Hrs	D	260,262,341,342,1379	1,500	6,530.00
4	1064514SS	2017-2019 6R140 4wd	Ford	12 Hrs	D	260,341,342,1379	1,500	6,425.00
4	1064612SS	2018-2022 F150 V6 10R80 2wd	Ford	13 Hrs	D	368,1386,1390	2,000	3,995.00
4	1064614SS	2018-2022 F150 V6 10R80 4wd	Ford	13 Hrs	D	368,1387,1390	2,000	3,995.00
4	1064622SS	2018-2022 F150 V8 10R80 2wd	Ford	13 Hrs	D	368,1388	2,000	3,995.00
4	1064624SS	2018-2022 F150 V8 10R80 4wd	Ford	13 Hrs	D	368,1389	2,000	3,995.00

## Ford TowMaster Transmissions

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1064422F	1995-1997 E4OD 2wd	Ford	5 Hrs	D	18,93	1,500	3,899.00
4	1064424F	1995-1997 E4OD 4wd	Ford	7 Hrs	D	18,93	1,500	3,899.00
4	1064442FPTO	1999-2003 4R100 2wd PTO	Ford	5 Hrs	D	93	1,200	4,350.00
4	1064444F	1999-2003 4R100 4wd	Ford	7 Hrs	D	18,19,20,93,284,310	1,200	3,899.00
4	1064462	2003-2004 5R110 2wd Yoke Shaft Mount	Ford	5 Hrs	D	18,93,346	1,500	3,665.00
4	1064464	2003-2004 5R110 4wd/2wd Flange Shaft Mount	Ford	7 Hrs	D	18,93	1,500	3,665.00
4	1064464PTO	2003-2004 5R110 4wd PTO	Ford	7 Hrs	G	93		4,350.00
4	1064482	2005-2007 5R110 2wd Yoke Shaft Mount	Ford	5 Hrs	D	18,93,346	1,500	3,665.00
4	1064484	2005-2007 5R110 4wd/2wd Flange Shaft Mount	Ford	7 Hrs	D	18,93	1,500	3,665.00
4	1064494	2008-2010 5R110 4wd/2wd Flange Shaft Mount	Ford	7 Hrs	D		1,500	3,665.00
4	1064612	10R80 F150 2018-2020 2.7L/3.5L 2wd	Ford	13 Hrs	D	368,1386,1390	1,800	3,495.00

EMS (Emissions) Code: See table of contents page for more info

**Note 18:** Add "PTO" to part number for PTO provision (i.e. 1064444FPTO or 1064444FPTOLR)

**Note 19:** Add "LR" for 4:88 rear end ratio or lower (i.e. 1064444FLR or 1064444FPTOLR)

**Note 20:** 2wd 4R100 vehicles with attached driveline brake assembly requires 4wd model

**Note 93:** BD torque converter must be installed at the time of installation of the transmission - use of a 3rd party or OE converter will invalidate the transmission warranty

**Note 260:** Ford scanner required to update the TCM with the new solenoid code and initiate a relearn - very critical component to make sure the transmission works properly

**Note 262:** Early 2011 model years will require 6 bolt flexplate (Approx. Pre Jan 2012 build date) See BD #1041245 or contact Ford

**Note 284:** Does not have PTO provision

**Note 310:** Excursion requires use of factory style transmission pan. BD Deep Pan will interfere with factory crossmember

**Note 341:** Transmission is compatible with both 2wd and 4wd applications

**Note 342:** 2WD applications require the yoke adapter and rear mount bracket be transferred over during installation

**Note 346:** 2WD 5R110 models have two different output shafts, slip yoke and flanged - please determine your output shaft before ordering

**Note 368:** Ford scanner or equivalent required to update the TCM with the new solenoid code and initiate a relearn - very critical component to make sure the transmission works properly.

**Note 1379:** For PTO option please call us at 1-800-887-5030

**Note 1386:** Replaces OEM # J13Z7000M, J13Z7000BRM, J11Z7000A, J11Z7000C

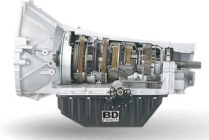
**Note 1387:** Replaces OEM # J13Z7000N, J13Z7000CRM

**Note 1388:** Replaces OEM # J13Z7000E, J13Z7000DRM

**Note 1389:** Replaces OEM # J13Z7000F, J13Z7000ERM

**Note 1390:** Also fits 2018-2021 Ford Expedition 3.5L with conventional shifter - does not fit Expedition/Navigator with electronic shift knob

# Transmissions - Assemblies, Parts and Components



## Ford TowMaster Transmissions (Continued)

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1064614	10R80 F150 2018-2020 2.7L/3.5L 4wd	Ford	13 Hrs	D	368,1387,1390	1,800	3,495.00
4	1064622	10R80 F150 2018-2020 5.0L 2wd	Ford	13 Hrs	D	368,1388	1,800	3,495.00
4	1064624	10R80 F150 2018-2020 5.0L 4wd	Ford	13 Hrs	D	368,1389	1,800	3,495.00

## Ford TorqueMaster Transmission & Converter Packages

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1064504BM	2011-2016 6.7L PowerStroke 2wd/4wd	Ford	12 Hrs	D	260,341,342,1379,1384	1,500	7,995.00
4	1064504PTOBM	2011-2016 6.7L PowerStroke 2wd/4wd w/PTO	Ford	12 Hrs	D		1,500	7,995.00
4	1064514BM	2017-2019 6.7L PowerStroke 2wd/4wd	Ford	12 Hrs	D	260,341,342,1379,1384	1,500	7,995.00



## Chevy TowMaster Transmission & Converter Packages

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1064702SS	2001-2004 2wd Duramax LB7 Allison 1000	Chevy	7 Hrs	D		2,100	5,355.00
4	1064704SS	2001-2004 4wd Duramax LB7 Allison 1000	Chevy	9 Hrs	D		2,100	5,355.00
4	1064722SS	2004.5-2006 2wd LLY Allison 1000 5-speed	Chevy	7 Hrs	D		2,100	5,355.00
4	1064724SS	2004.5-2006 4wd LLY Allison 1000 5-speed	Chevy	9 Hrs	D		2,100	5,355.00
4	1064732SS	2006-2007 2wd LBZ Allison 1000 6-speed	Chevy	7 Hrs	D		2,100	5,355.00
4	1064734SS	2006-2007 4wd LBZ Allison 1000 6-speed	Chevy	9 Hrs	D		2,100	5,355.00
4	1064742SS	2007-2010 2wd LMM Allison	Chevy	7 Hrs	D		2,100	5,355.00
4	1064744SS	2007-2010 4wd LMM Allison	Chevy	9 Hrs	D		2,100	5,355.00
4	1064754SM	2011-2016 4wd LML c/w Pressure Controller	Chevy	9 Hrs	D		2,100	5,560.00

## Chevy TorqueMaster Transmission & Converter Packages (c/w Billet Input Shaft)

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1064704BM	2001-2004 4wd Duramax LB7 Allison 1000	Chevy	9 Hrs	D		2,100	6,530.00
4	1064722BM	2004.5-2006 2wd LLY Allison 1000 5-speed	Chevy	7 Hrs	D		2,100	6,530.00
4	1064724BM	2004.5-2006 4wd LLY Allison 1000 5-speed	Chevy	9 Hrs	D		2,100	6,530.00
4	1064732BM	2006-2007 2wd LBZ Allison 1000 6-speed	Chevy	7 Hrs	D		2,100	6,530.00
4	1064734BM	2006-2007 4wd LBZ Allison 1000 6-speed	Chevy	9 Hrs	D		2,100	6,530.00
4	1064742BM	2007-2010 2wd LMM Allison	Chevy	7 Hrs	D		2,100	6,530.00
4	1064744BM	2007-2010 4wd LMM Allison	Chevy	9 Hrs	D		2,100	6,530.00
4	1064754BM	2011-2016 4wd LML c/w Pressure Controller	Chevy	9 Hrs	D		2,100	6,745.00

## Chevy TowMaster Transmissions

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1064704	2001-2004 4wd Duramax LB7 Allison 1000	Chevy	9 Hrs	D	93	1,800	4,429.00
4	1064724	2004.5-2006 4wd LLY Allison 1000 5-speed	Chevy	9 Hrs	D	93	1,800	4,429.00
4	1064734	2006-2007 4wd LBZ Allison 1000 6-speed	Chevy	9 Hrs	D	93	1,800	4,429.00
4	1064742	2007-2010 2wd LMM Allison	Chevy	7 Hrs	D	93	1,800	4,429.00
4	1064744	2007-2010 4wd LMM Allison	Chevy	9 Hrs	D	93	1,800	4,429.00
4	1064754	2011-2016 4wd LML c/w Pressure Controller	Chevy	9.0 Hrs	D	93	1,800	4,325.00

EMS (Emissions) Code: See table of contents page for more info

- Note 93:** BD torque converter must be installed at the time of installation of the transmission - use of a 3rd party or OE converter will invalidate the transmission warranty
- Note 260:** Ford scanner required to update the TCM with the new solenoid code and initiate a relearn - very critical component to make sure the transmission works properly
- Note 341:** Transmission is compatible with both 2wd and 4wd applications
- Note 342:** 2WD applications require the yoke adapter and rear mount bracket be transferred over during installation
- Note 368:** Ford scanner or equivalent required to update the TCM with the new solenoid code and initiate a relearn - very critical component to make sure the transmission works properly.
- Note 1379:** For PTO option please call us at 1-800-887-5030
- Note 1384:** Will not fit early 2011 trucks with 8-bolt flex plate - will have to update to 6 bolt flex plate.
- Note 1387:** Replaces OEM # JL3Z7000N, JL3Z7000CRM
- Note 1388:** Replaces OEM # JL3Z7000E, JL3Z7000DRM
- Note 1389:** Replaces OEM # JL3Z7000F, JL3Z7000ERM
- Note 1390:** Also fits 2018-2021 Ford Expedition 3.5L with conventional shifter - does not fit Expedition/Navigator with electronic shift knob

# Transmissions - Assemblies, Parts and Components

## TRANSMISSION BUILD-IT KITS



### BD Transmission Service Kits

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1064041	Allison 1000 2001-2016	Chevy	2.5 Hrs	A			44.95
4	1064042	47RE/48RE 1998-2007	Dodge	2.5 Hrs	A	273		44.95
4	1064043	68RFE 2007.5-2022	Dodge	2.5 Hrs	A	274		77.95
4	1064044	E4OR/4R100 1989-2003	Ford	2.5 Hrs	A			44.95
4	1064045	5R110 2003-2010	Ford	2.5 Hrs	A	275		161.95
4	1064046	6R140 2011-2022	Ford	2.5 Hrs	A			93.95
4	1064047	10R80 2017-2024	Ford	3 Hrs	A	1393		139.95

### Dodge Billet Shafts

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1600115	Billet 300 Maraging 47/48 Input Shaft 1994-2007	Dodge		D			1,174.95
4	1600116	Billet 300M 47RE/48RE Output Shaft - 1996-2007 4wd	Dodge		D			1,403.95
4	1600117	Billet 300M 47/48 Intermediate Shaft 1994-2007	Dodge		D			1,403.95
4	1600189	Billet 300M 68RFE Input Shaft - 2008-up	Dodge		D			1,260.95

### Ford Billet Shafts

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1600149	Billet Input Shaft 1999-2010 4R100/5R110	Ford		D			458.95

### Build-It Transmission Rebuild Kits c/w Torque Converter

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1063004	1994-2002 47RH/RE Stage 4 Master Kit	Dodge		A	335	700	2,525.00
4	1063014	2003-2007 48RE Stage 4 Master Rebuild Kit	Dodge		A	335	700	2,525.00
4	1063022	2007.5-2018 68RFE Stage 2	Dodge		A		700	1,926.95
4	1063025	2007.5-2018 68RFE Stage 4 c/w ProTech68	Dodge		A	335	700	2,959.00

### Build-It Transmission Rebuild & Upgrade Kits

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1062001	1994-2002 47RH/RE Stage 1 Stock HP Kit	Dodge		A	21,22,55		411.95
4	1062002	1994-2002 47RH/RE Stage 2 Intermediate Kit	Dodge		A	21,22,55		638.95
4	1062003	1994-2002 47RH/RE Stage 3 Heavy Duty Kit	Dodge		A	21,22,55		720.95
4	1062004	1994-2002 47RH/RE Stage 4 Master Kit	Dodge		A	21,22,55		1,029.95
4	1062011	2003-2007 48RE Stage 1 Stock HP Kit	Dodge		A	21,22,55		419.95
4	1062012	2003-2007 48RE Stage 2 Intermediate Kit	Dodge		A	21,22,55		638.95
4	1062013	2003-2007 48RE Stage 3 Heavy Duty Kit	Dodge		A	21,22,55		720.95
4	1062014	2003-2007 48RE Stage 4 Master Rebuild Kit	Dodge		A	21,22,55		1,029.95
4	1030342	2003-2007 48RE Geartrain 6-Pin	Dodge		A		400	743.95
4	1062022	2007.5-2018 68RFE Stage 2	Dodge		A	21,112		882.95
4	1062023	2007.5-2018 68RFE Stage 3	Dodge		A	21,112		1,206.95
4	1062025	2007.5-2018 68RFE Stage 4 c/w ProTech68	Dodge		A	21		1,441.95
4	1062027	2019-2022 68RFE Stage 3 c/w ProTect68	Dodge		A	316,317		1,170.95
4	1062114-2	1995-1997 E4OD 2wd Stage 4 Master Rebuild Kit	Ford		A	21,22		1,317.95
4	1062114-4	1995-1997 E4OD 4wd Stage 4 Master Rebuild Kit	Ford		A	21,22		1,317.95
4	1030432	1995-1997 E4OD Solenoid Page	Ford		A			679.95
4	1062121	1999-2003 4R100 Stage 1 Stock HP Kit	Ford		A	21,22		494.95
4	1062124-2	1999-2003 4R100 2wd Stage 4 Master Rebuild Kit	Ford		A	21,22		1,899.95
4	1062124-4	1999-2003 4R100 4wd Stage 4 Master Rebuild Kit	Ford		A	21,22		1,899.95
4	1600410	Tugger Shift Kit 1999-2003 4R100	Ford		A			205.95
4	1600411	On/Off Lockup Kit 1999-2003 4R100	Ford		A			93.95
4	1062131	2003-2004 5R110 Stage 1 Stock HP Kit	Ford		A	21		1,088.95
4	1062134	2003-2004 5R110 Stage 4 Master Rebuild Kit	Ford		A	21		1,317.95

EMS (Emissions) Code: See table of contents page for more info

**Note 21:** Recommend Option - BD Heavy Duty Transmission Pan

**Note 22:** Suggested option - BD Valve Body

**Note 55:** Recommended Option for 2000-2007 Dodge - 1060602 Pressure Transducer or 1060605 Electronics Upgrade Kit

**Note 112:** Tuner or module is required to increase transmission pump pressures

**Note 273:** Stock Torque Converter & Stock Pan Refill with 3.8L / BD Torque Converter & BD Pan Refill with 16L

**Note 274:** Stock Torque Converter & Stock Pan Refill with 6.2L / Stock Torque Converter & BD Pan Refill with 10.5L / BD Torque Converter + BD Pan Refill with 22L

**Note 275:** Aux filter is used on 6.4L models only

**Note 316:** Tuning is required to increase transmission pump pressures

**Note 317:** The customer is required to clean, inspect and reuse their solenoid pack gasket. If it cannot be reused, it must be purchased together with the solenoid pack.

**Note 335:** Billet input shaft strongly recommended for use with ProForce 3D Torque Converter

**Note 1393:** Use 6-8 quarts of Mercon ULV with stock transmission pan, use 8-10 quarts of Mercon ULV with BD deep pan.

# Transmissions - Assemblies, Parts and Components

## **TRANSMISSION BUILD-IT KITS**



### Build-It Transmission Rebuild & Upgrade Kits (Continued)

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1062141	2005-2010 5R110 Stage 1 Stock HP Kit	Ford		A	21		1,088.95
4	1062144	2005-2010 5R110 Stage 4 Master Rebuild Kit	Ford		A	21		1,317.95
4	1062204	2000-2004 LB7 Allison Stage 4 Master Kit	Chevy		A	21	200	2,230.00
4	1062214	2004-2006 LLY Allison Stage 4 Master Kit	Chevy		A	21	200	2,230.00
4	1604720	Shift Kit 2001-2005 5-spd Allison 1000	Chevy		A			424.95
4	1062224	2006-2010 LBZ/LMM Allison Stage 4 Master Kit	Chevy		A	21	200	2,230.00
4	1604721	Shift Kit 2006-2008 6-spd Allison 1000	Chevy		A			115.95
4	1062226	2011-2016 LML Stage 3	Chevy		A	21		2,630.00
4	1062227	2011-2016 LML Stage 4 Master Kit c/w Pressure Controller	Chevy		A	21		2,869.00

### 68RFE One Way Clutch/Sprag

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1060603	2007.5-2018 68RFE One Way Clutch/Sprag	Dodge		A	247		357.95

### 68RFE Big Stack Kits

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1062034	2007.5-2018 68RFE Billet Overdrive Reaction Plates	Dodge		A	272		231.95
4	1062035	2007.5-2018 68RFE Big Stack OD Shaft & Reaction Plates Kit	Dodge		A			630.95
4	1062036	2007.5-2018 68RFE Big Stack Shaft & Drum Kit	Dodge		A			1,317.95

## **TORQUE CONVERTERS**



### Dodge Hi-5 Multi Clutch Serviceable Torque Converters

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1071269	Torque Converter Rebuild Kit - 1994-2007 47RE/48RE	Dodge	8 Hrs	E			264.95
4	1041212	Flex Plate 12-Bolt - 1994-2007 47RE/48RE	Dodge	7 Hrs	E			514.95

### Dodge ProForce 3D Converters

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1071217X	1994-2007 47RH/47RE/48RE Street/Towing	Dodge	7 Hrs	D	24,25	700	1,544.95
4	1071217LX	1994-2007 Street w/Low Rear End Ratio & Stock Tires	Dodge	7 Hrs	D	24,25	700	1,544.95
4	1071217X-HS	1994-2007 Race/Drag/Sled	Dodge	7 Hrs	D	24,25	700	1,544.95
4	1071220X	2007.5-2018 68RFE Street/Towing	Dodge	7 Hrs	D	24,25	700	1,853.95
4	1071220LX	2007.5-2018 68RFE Street w/Low Rear End Ratio & Stock Tires	Dodge	7 Hrs	D	24,25	700	1,699.95

### Chevy ProForce Converters

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1071240	2001-2016 Allison 1000 Street/Towing	Chevy	7 Hrs	D	24	300	1,599.95

### Ford ProForce Converters

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1030222	2008-2010 5R110	Ford	7 Hrs	D		300	1,699.95
4	1030239	2011-2019 6R140 6-Bolt	Ford	7 Hrs	D		500	1,184.95
4	1030238	2011-2019 6R140 6-Bolt Proforce 4D	Ford	7 Hrs	D	1384	500	1,999.95

### Dodge ProForce Converters

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1070247X	1994-2007 47RH/47RE/48RE Street/Towing	Dodge	7 Hrs	D	24	700	1,231.95
4	1070247LX	1994-2007 Street w/Low Rear End Ratio & Stock Tires	Dodge	7 Hrs	D	1385	700	1,231.95
4	1070247X-HS	1994-2007 Race/Drag/Sled	Dodge	7 Hrs	D	24	700	1,231.95

EMS (Emissions) Code: See table of contents page for more info

- Note 21:** Recommend Option - BD Heavy Duty Transmission Pan
- Note 24:** Enhanced Stall - Street or Towing Applications / Low Stall - Street w/Low Rear End Ratio/Stock Tires / High Stall - Race/Drag/Sled applications only
- Note 25:** Billet Input Shaft recommended with install of Triple Torque Force Converters
- Note 247:** This kit does not include an outer race. Outer race is reused from the 68Rfe.
- Note 272:** Raybestos clutches B29308L/ B29309L are required
- Note 1384:** Will not fit early 2011 trucks with 8-bolt flex plate - will have to update to 6 bolt flex plate.
- Note 1385:** Enhanced Stall - Street or Towing Applications / Low Stall - Street w/Low Rear End Ratio/Stock Tires / High Stall - Race/Drag/Sled applications only



# Transmissions - Assemblies, Parts and Components

## TORQUE CONVERTERS



### Dodge ProForce Converters (Continued)

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1070220X	2007.5-2018 68RFE Street/Towing	Dodge	7 Hrs	D	24	700	1,287.95

### ProForce Towing / Street Converters

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1060210X	1988-1993 727/518	Dodge	7 Hrs	D		300	940.95
4	1030223	1995-2003 4R100 6 Stud 7.3L PowerStroke	Ford	7 Hrs	D		300	1,231.95
4	1030227	2003-2007 5R110 6.0L PowerStroke	Ford	7 Hrs	D		300	1,231.95
4	1030229	2008-2010 5R110	Ford	7 Hrs	D		300	1,231.95
4	1030230	2001-2010 Allison 1000 Duramax	Chevy	9 Hrs	D		300	1,231.95

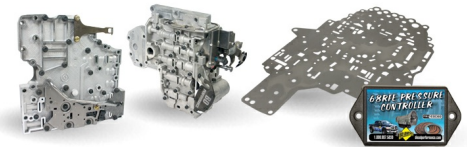
## FLEX PLATES



### Flex-Plate

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1041210	1994-2007 5.9L	Dodge	7 Hrs	A	233		444.95
4	1041212	1994-2007 47/48 12-Bolt	Dodge	7 Hrs	E			514.95
4	1041221	2007.5-2018 6.7L 68RFE	Dodge	7 Hrs	A			444.95
4	1041209	Flexplate Frictional Shim Kit - 1994-2018 47RH / 47RE / 48RE / 68RFE	Dodge		A			95.95
4	1041260	2001-2019 Duramax Allison 1000	Chevy	2 Hrs	A	103,104		444.95
4	1041241	1994-2003 4R100/E4OD 7.3L Powerstroke	Ford	7.5 Hrs	A			597.95
4	1041242	2003-2007 5R110 6.0L PowerStroke	Ford	7.5 Hrs	A			597.95
4	1041240	2008-2010 5R110 6.4L PowerStroke	Ford	7.5 Hrs	A			597.95
4	1041245	2011-2019 6r140 w/6-bolt Converter	Ford	7.5 Hrs	A	248		597.95

## TRANS PRESSURE CONTROLS



### Valve Bodies

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1030410	1991-1993 518 - Custom Rebuild Only	Dodge	3 Hrs	G	27	250	615.95
4	1030415	1994-1995 47RH	Dodge	3 Hrs	D		200	718.95
4	1030416	1996-1998 47RE 12-valve	Dodge	3 Hrs	D		200	718.95
4	1030416E	1996-1998 47RE 12-valve c/w Gov Pressure Solenoid	Dodge	3 Hrs	D	126	200	781.95
4	1030418	1998.5-2002 47RE	Dodge	3 Hrs	D	55	200	718.95
4	1030418E	1998.5-2002 47RE c/w Gov Pressure Solenoid & Transducer	Dodge	3 Hrs	D	127	200	870.95
4	1030423	2003-2007 48RE	Dodge	3 Hrs	D	55	300	718.95
4	1030423E	2003-2007 48RE c/w Gov Pressure Solenoid & Transducer	Dodge	3 Hrs	D	127	300	870.95
4	1030465	2007.5-2010 68RFE Early Model (White Connector)	Dodge	2 Hrs	D		300	819.95
4	1030468	2011-2018 68RFE Late Model (Grey Connector)	Dodge	2 Hrs	D		300	819.95
4	1030467	2007.5-2018 68RFE c/w Solenoid	Dodge	2 Hrs	D		300	1,180.95
4	1060442	1995-2003 E4OD / 4R100 2wd	Ford	2 Hrs	D		100	364.95

EMS (Emissions) Code: See table of contents page for more info

**Note 24:** Enhanced Stall - Street or Towing Applications / Low Stall - Street w/Low Rear End Ratio/Stock Tires / High Stall - Race/Drag/Sled applications only

**Note 27:** Core Required for Rebuild

**Note 55:** Recommended Option for 2000-2007 Dodge - 1060602 Pressure Transducer or 1060605 Electronics Upgrade Kit

**Note 103:** Factory ring gear is mounted separately from the flexplate. This item does not include the ring gear assembly.

**Note 104:** Must be used with new GM mounting hardware (sold separately). GM part# 97226126 (8 required)

**Note 126:** c/w Governor Pressure Solenoid

**Note 127:** c/w Governor Pressure Solenoid & Transducer

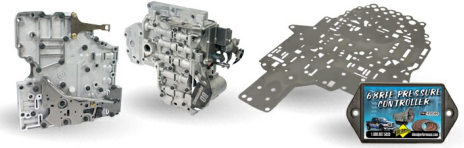
**Note 233:** Does not fit 1989-1993 Dodge trucks due to insufficient torque converter clearance

**Note 248:** Will not fit early 2011 trucks with 8-bolt converter - will have to update to 6-bolt converter



# Transmissions - Assemblies, Parts and Components

## **TRANS PRESSURE CONTROLS**



### Valve Bodies (Continued)

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1060444	1995-2003 E4OD / 4R100 4wd	Ford	2 Hrs	D		100	364.95
4	1030470	2001-2004 Duramax LB7 Allison 1000	Chevy	3 Hrs	D		450	1,144.95
4	1030471	2004-2006 Duramax LLY Allison 1000	Chevy	3 Hrs	D		450	1,144.95
4	1030472	2006-2010 Duramax LBZ/LMM Allison 1000 6-Speed	Chevy	3 Hrs	D		450	1,144.95

### Dodge Full Manual Valve Bodies

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1030415-FM	1994-1995 47RH	Dodge	4 Hrs	J		200	844.95
4	1030418-FM	1996-2002 47RE	Dodge	4 Hrs	J		200	844.95
4	1030423-FM	2003-2007 48RE	Dodge	4 Hrs	J		300	844.95

### Dodge 48RE Electronic Pressure Controller

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1030348	2005-2007 48RE	Dodge	1.5 Hrs	A			411.95

### Dodge 68RFE Pressure Control

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1030362	Protect68 Pressure Control Kit 2007.5-2018 68RFE	Dodge	3 Hrs	A	293		411.95
4	1030373	Protect68 Plate Gasket Kit 2007.5-2018 68RFE	Dodge	2 Hrs	A	143		191.95
4	1030369	Pressure Enhancer 2007.5-2018 68RFE	Dodge	1.5 Hrs	A	266		247.95
4	1030368-V2	PressureLoc 2007.5-2022 68RFE	Dodge	0.5 Hr	A			144.95
4	1030375	Protect68 Plate Gasket Kit 2019-2022 68RFE	Dodge	2 Hrs	A	143,286		191.95

### Dodge 68RFE & Aisin AS69RC Thermostat Bypass Delete

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1061528	2013-2018 6.7L	Dodge	0.5 Hr	A			109.95
4	1061527	2019-2022 6.7L Pick-up / Cab & Chassis	Dodge	0.5 Hr	A			109.95

### Dodge 68RFE Test Pressure Adapter Kit

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1061529	2007-2012 68RFE	Dodge	0.5 Hr	A			51.95

### Dodge 68RFE Replacement Threaded Filter Adapter

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1030374	2007.5-2022 6.7L - Retail Package	Dodge		A			35.95
4	1600209	2007.5-2018 6.7L - Bulk Package	Dodge		A			35.95

## **TRANSMISSION ACCESSORIES**



### Chevy Allison Lock-up & Pressure Controls

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1031315	Pressure Controller 2011-2016 LML	Chevy	1.5 Hrs	A			335.95

### Ford 6R140 Interlocking Pressure Plate Kits

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1062501	Partial Kit - 2011-2019 6R140	Ford		A			699.95
4	1062502	Full Kit - 2011-2019 6R140	Ford		A			1,616.95

### Ford 6R140 Pressure Controls

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1031320	Pressure Controller 2011-2019 6.7L	Ford	1.5 Hrs	A			335.95
4	1031319	Pressure Controller LED Kit for 1031320	Ford		A			29.95
4	1030385	Pressure Enhancer 2011-2019 6.7L	Ford	2.5 Hrs	A			154.95

EMS (Emissions) Code: See table of contents page for more info

**Note 143:** Must use EFI/HP or H&S for additional transmission pressures

**Note 266:** Requires transmission modifications to build high pressure such as BD transmission or use with 1030373 separator plate kit

**Note 286:** Additional special TCM tuning required for 2019-up models

**Note 293:** This kit is not to be used with transmission pressure tuning. If you have transmission pressure tuning already, use part number 1030373 instead.

# Transmissions - Assemblies, Parts and Components

## TRANSMISSION ACCESSORIES



### Dodge Pressure Transducer and Electronics Upgrade Kits

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1060602	Pressure Transducer Kit 2000-2007 47RE/48RE/46RE/44RE/42RE	Dodge	1.5 Hrs	A			199.95
4	1060604	Transducer Adapter Only 2000-2007 47RE/48RE/46RE/44RE/42RE	Dodge	1.5 Hrs	A	53		72.95
4	1060605	Electronics Upgrade Kit 2000-2007 47RE/48RE	Dodge	1.5 Hrs	A			268.95

### TapShifters

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1031382	2003-2007 48RE c/w Valve Body	Dodge	6 Hrs	A	267	300	1,772.95
4	1031360	2001-2002 Duramax Allison 1000	Chevy	2 Hrs	A			483.95
4	1031361	2003-2005 Duramax Allison 1000	Chevy	1 Hr	A			458.95
2	1031369	2003-2007 6.0L F250/F350 c/w VVB Exhaust Brake	Ford	2 Hrs	A	304		687.95
4	1031370	2008-2010 6.4L F250/F350	Ford	1.5 Hrs	A	58,80,136		668.95

### Top Speed Eliminators & Tire Calibrators

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
2	1057650	2000.5-2003 w/RAD Tech	Dodge	1 Hr	A	364		150.95

### Ford Transmission Cooler Bypass Tube Eliminator Kit

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1600036	1999-2003 4R100	Ford	1 Hr	D	128		33.95

### Dodge 2005 Lockout

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1031350	LockOut Overdrive Disable 2005	Dodge	1 Hr	A			284.95

### Dodge APPS Noise Isolator

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1300030	APPS Noise Isolator - 1994-2004 5.9L / 1999-2003 8.0L	Dodge	0.5 Hr	A			35.95
4	AP63458	Replacement APPS 1998-2004	Dodge		C			189.08

### Dodge Governor Solenoid and Transducers

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	4617213	Governor Pressure Solenoid 1997-2007 47RE/48RE	Dodge		C			67.00
4	56041403AA	Transducer 1996-1999 47RE	Dodge		C			143.00

### Low Gears in 2wd Dodge/Chevy

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1030703	1994-2002 2500-3500 4wd CAD Front Axle	Dodge	2 Hrs	A			221.95
4	1030703	1994-2001 1500 4wd CAD Front Axle	Dodge	2 Hrs	A			221.95
4	1030705	2009-2022 4wd 1500	Dodge	1.5 Hrs	A			184.95
4	1030705	2014-2022 4wd 2500	Dodge	1.5 Hrs	A			184.95
4	1030705	2013-2022 4wd 3500 Pick-up & Cab/Chassis	Dodge	1.5 Hrs	A			184.95
4	1030705	2019-2022 4wd 4500/5500 Cab&Chassis	Dodge	1.5 Hrs	A			184.95
4	1030710	2001-2014 2500-3500 4wd	Chevy	1.5 Hrs	A			184.95
4	1030710	2001-2013 1500 4wd	Chevy	1.5 Hrs	A			184.95
4	1030711	2015-2019 2500/3500 4wd	Chevy	1.5 Hrs	A	222		184.95
4	1030711	2014-2019 1500 4wd	Chevy	1.5 Hrs	A	222		184.95
4	1030711	2015-2020 SUV	Chevy	1.5 Hrs	A	222		184.95

EMS (Emissions) Code: See table of contents page for more info

**Note 53:** Electronic adapter only - requires 56041403AA transducer

**Note 58:** Compatible With: H&S MiniMaxx Gauge Display, SCT LiveWire and SCT Power Flash X4 Gauges, DashDAQ Gauge Display and EDGE Insight CS, CTS.

**Note 80:** Disconnect the Tap Shifter OBD connector when flash programming the ECM or TCM

**Note 128:** Already included with all BD 4R100 Transmission, Auxiliary Filter, Xtruded Cooler and Built-It rebuild kits.

**Note 136:** Lock-up control only for 4th and 5th gear

**Note 222:** Will not fit 2019 Chevrolet/GMC 1500 models with new body style, old body style only

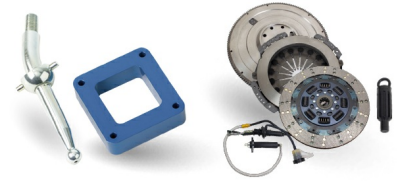
**Note 267:** Deep sump transmission pan required

**Note 304:** Will not fit Ford Excursion models, F-series Super Duty pick-ups only

**Note 364:** Race mode will set a check engine light while in use

# Transmissions - Assemblies, Parts and Components

## **MANUAL TRANSMISSION**



### Dodge Manual Transmission Short Shift Kits

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1031050	1999-2002 6-spd NV 5600	Dodge	1 Hr	A			344.95
4	1031055	2003-2005 6-spd NV5600	Dodge	1 Hr	A			344.95
4	1031056	1998-2003 5-spd NV 4500 Diesel & Hemi	Dodge	1 Hr	A			344.95

### Manual Transmission Clutch Kits

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	SBC04-163K	1992-1995 6.5L - Stock	Chevy		C			809.54
4	SBC04-163TZK	1992-1995 6.5L - 375hp/750tq	Chevy		C			1,019.01
4	SBC04-154K	1996-2001 6.5L - Stock	Chevy		C			809.54
4	SBC04-154TZK	1996-2001 6.5L - 375hp/750tq	Chevy		C			1,019.01
4	SBCSDM0105OK	2001-2005 LB7/LLY - 375hp/700tq	Chevy		C	28		1,019.01
4	SBCSDM0105DFK	2001-2005 LB7/LLY - 425hp/800tq	Chevy		C	28		1,132.23
4	SBCSDM0506OK	2005-2006 LBZ - 375hp/700tq	Chevy		C	28		1,019.01
4	SBC0090	1988-2004 Non HO - 350hp/650tq	Dodge		C	28		481.20
4	SBC13125-OK-HD	1988-2004 Non HO - 425hp/900tq	Dodge		C	28		962.40
4	SBC13125-OFEK	1988-2004 Non HO - 475hp/1000tq	Dodge		C	28		1,075.62
4	SBC13125-FEK	1988-2004 Non HO - 550hp/1100tq	Dodge		C	28		1,188.84
4	SBC1947-O	2000.5-2005.5 5.9L HO NV5600 - 375hp/800tq	Dodge		C	291		566.12
4	SBC1947-OK	2000.5-2005.5 5.9L HO NV5600 - 375hp/800tq	Dodge		C	28,291		849.18
4	SBC1947-OFE	2000.5-2005.5 5.9L HO NV5600 - 475hp/1000tq	Dodge		C	291		849.18
4	SBC1947-OFEK	2000.5-2005.5 5.9L HO NV5600 - 475hp/1000tq	Dodge		C	28,291		1,075.62
4	SBCG56-OKHD	2005.5-2018 5.9L/6.7L - 425hp/800tq	Dodge		C	28		1,386.98
4	SBCG56-OFEK	2005.5-2018 5.9L/6.7L - 475hp/1000tq	Dodge		C	28		1,500.21
4	SBC1944325K	1987-1994 7.3L IDI Non Turbo - Stock	Ford		C	28		679.34
4	SBC1944325-OK	1987-1994 7.3L IDI Non Turbo - 375hp/800tq	Ford		C	28		849.18
4	SBC1944324K	1993-1994 7.3L IDI Turbo - Stock	Ford		C	28		679.34
4	SBC1944324-OK	1993-1994 7.3L IDI Turbo - 375hp/800tq	Ford		C	28		849.18
4	SBC1944-5K	1994-1998 7.3L DI PS - Stock	Ford		C	28		679.34
4	SBC1944-5OK	1994-1998 7.3L DI PS - 375hp/800tq	Ford		C	28		849.18
4	SBC1944-5OFEK	1994-1998 7.3L DI PS - 475hp/1000tq	Ford		C	28		1,075.62
4	SBC1944-6K	1999-2003 7.3L DI PS - Stock	Ford		C	28		679.34
4	SBC1944-6OK	1999-2003 7.3L DI PS - 375hp/800tq	Ford		C	28		849.18
4	SBC1944-6OFEK	1999-2003 7.3L DI PS - 475hp/1000tq	Ford		C			1,075.62
4	SBC1939DF	1999-2004 6spd 7.3L - 400hp/800tq	Ford		C			707.64
4	SBC1939CB	1999-2004 6spd 7.3L - 450hp/900tq	Ford		C			707.64
4	SBC1950-60DFK	2004-2007 6.0L - 400hp/800tq	Ford		C	28		1,019.01
4	SBC1950-60CBK	2004-2007 6.0L - 450hp/900tq	Ford		C	28		1,019.01
4	SBC1950-64DFK	2008-2009 6.4L - 400hp/800tq	Ford		C	28		1,019.01
4	SBC1950-64CBK	2008-2009 6.4L - 450hp/900tq	Ford		C	28		1,019.01

### Manual Transmission Street Dual Clutch Kits

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	SBCSDDMAXDFY	2001-2005 LB7/LLY - 650hp/1200tq	Chevy		C			1,358.68
4	SBCSDDMAXDFZ	2005-2006 LBZ - 650hp/1200tq	Chevy		C			1,358.68
4	SBCSDD3250-5	1994-2004 Non HO - 550-650hp/1200tq	Dodge		C	28,141		1,358.68
4	SBCSDD3250-6	2000.5-2005.5 HO - 475-650hp/1200tq	Dodge		C	28,291		1,358.68
4	SBCSDD3250-GK	2005.5-2017 5.9L/6.7L - 475-650hp/1200tq c/w Hyd	Dodge		C	28		1,726.66
4	SBCSFDD3250-6.0	2004-2007 6.0L - 550-750hp/1300tq Street	Ford		C			1,358.68
4	SBCSFDD3250-6.4	2008-2010 6.4L - 550-750hp/1300tq Street Use	Ford		C			1,358.68

### Manual Transmission Comp Dual Clutch Kits

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	SBCDDC3600-6	2000.5-2005.5 5.9L HO - 800hp/1300tq	Dodge		C			2,264.47
4	SBCDDC3850-6	2000.5-2005.5 5.9L HO - 900hp/1400tq	Dodge		C			2,264.47

### Dodge Manual Transmission Input Shaft & Hydraulic Assemblies

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	SBCISK1.375	1994-2006 5-spd 1-3/8" Input Shaft Upgrade	Dodge		C	29		452.89

EMS (Emissions) Code: See table of contents page for more info

**Note 28:** Many more applications available including Comp Double/Triple disc - please call for availability and pricing

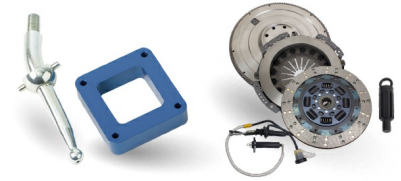
**Note 29:** 1999-2000.5 6-speeds have 1.25" input shaft which cannot up be upgraded

**Note 141:** Fits OEM/Stock input shaft only

**Note 291:** Fits 1.375 input shaft

# Transmissions - Assemblies, Parts and Components

## **MANUAL TRANSMISSION**



### Dodge Manual Transmission Input Shaft & Hydraulic Assemblies (Continued)

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	SBCHYD-HD	1994-1997 Heavy Duty Hydraulic Assembly	Dodge		C			367.98
4	SBCHYDX1.50	1998-2002 Heavy Duty Hydraulic Assembly	Dodge		C			367.98
4	SBCHYDX.750	2003-2009 Heavy Duty Hydraulic Assembly	Dodge		C			367.98

## Injectors

## **DODGE INJECTORS**



### Dodge BD-Built Stock HP Common Rail Injectors (Individual - 6 needed for set)

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1715503	2003-2004 5.9L	Dodge	3 Hrs	I	129,160,161,162	150	304.95
4	1715505	2004.5-2007 5.9L	Dodge	3 Hrs	I	129,165,166,167	150	304.95
4	1715518	2007.5-2012 6.7L Pick-up	Dodge	3 Hrs	I	129,170,171,172,327	150	347.95
4	1715571	2007.5-2010 6.7L Cab & Chassis w/o SCR	Dodge	3 Hrs	I	129,295	150	347.95
4	1715588	2010.5-2012 6.7L Cab & Chassis w/SCR	Dodge	3 Hrs	I	129,236,296	150	347.95
4	1715542	2013-2018 6.7L Pick-up	Dodge	3 Hrs	I	129,235	150	347.95
4	1715589	2013-2018 6.7L Cab & Chassis	Dodge	3 Hrs	I	129,294	150	347.95

### Dodge BD-Built Premium Stock HP Common Rail Injectors (Individual - 6 needed for set)

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1725503	2003-2004 5.9L	Dodge	3 Hrs	I	129,160,161,162	150	376.95
4	1725505	2004.5-2007 5.9L	Dodge	3 Hrs	I	129,165,166,167	150	376.95
4	1725518	2007.5-2012 6.7L Pick-up	Dodge	3 Hrs	I	129,170,171,172	150	419.95
4	1725571	2007.5-2010 6.7L Cab & Chassis w/o SCR	Dodge	3 Hrs	I	129,295	150	451.95
4	1725588	2010.5-2012 6.7L Cab & Chassis w/SCR	Dodge	3 Hrs	I	129,236,296	150	451.95
4	1725542	2013-2018 6.7L Pick-up	Dodge	3 Hrs	I	129,235	150	419.95
4	1725589	2013-2018 6.7L Cab & Chassis	Dodge	3 Hrs	I	129,294	150	451.95

### Dodge BD-Built StockPlus Common Rail Injectors +10hp-30hp (Individual - 6 needed for set)

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
2	1714503	2003-2004 5.9L	Dodge	3 Hrs	I	129	150	335.95
2	1714505	2004.5-2007 5.9L	Dodge	3 Hrs	I	129	150	335.95
2	1714518	2007.5-2012 6.7L	Dodge	3 Hrs	I	129	150	377.95
1	1714542	2013-2018 6.7L Pick-up	Dodge	3 Hrs	I	129,227,228,363	150	377.95

EMS (Emissions) Code: See table of contents page for more info

- Note 129:** Sold individually/each
- Note 160:** Replaces 0986435503, 0445120018, 0445120113, 0445120210, 0445120255
- Note 161:** Replaces Mopar # R8004082AA, R8004082AB, R8004082AC, R5086894AA, R8310748AA
- Note 162:** Replaces Mopar # 3949619, 4940589, 5254686, 5283318
- Note 165:** Replaces # 0986435505, 0445120032, 0445120103, 0445120114, 0445120208, 0445120238
- Note 166:** Replaces Mopar# R5135790AB, R5135790AC, R5135790AF, R8310746AA
- Note 167:** Replaces Cummins# 3968158, 4937700, 4940051, 5254688, 5263316
- Note 170:** Replaces Mopar # R8069384AA, R8310749AA
- Note 171:** Replaces Cummins # 3968158, 4937700, 4940051, 5254688
- Note 172:** Replaces # 0986435518, 0445120050, 0445120193, 0445120185
- Note 227:** All cylinders require same horsepower level injectors
- Note 228:** Purchase 6 injectors for a complete set
- Note 235:** Replaces 0445120342, 0986435621, 4994925, R8210512AA, R8415373AA
- Note 236:** Replaces 0986435574, 0445120188, R8086182AA, R8333562AA
- Note 294:** Replaces Bosch injectors 0445120187 and 0986435573
- Note 295:** w/o SCR (Selective Catalytic Reduction) or Urea Blue Filler Cap Tank
- Note 296:** w/SCR (Selective Catalytic Reduction) or Urea Blue Filler Cap Tank
- Note 327:** SEMA Certified: SC-BDD01-0017
- Note 363:** CARB EO No D-553-6/D-553-10

# Injectors



## Dodge BD-Built StockPlus Common Rail Injectors +10hp-30hp (Individual - 6 needed for set)

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
2	1724503	2003-2004 5.9L	Dodge	3 Hrs	I	129	150	407.95
2	1724505	2004.5-2007 5.9L	Dodge	3 Hrs	I	129	150	407.95
1	1724542	2013-2018 6.7L Pick-up	Dodge	4.5 Hrs	I	129,227,228,363	150	450.95
2	1724518	2007.5-2012 6.7L Pick-up	Dodge	4.5 Hrs	I	129,1383	150	450.95

## Dodge BD-Built Performance Common Rail Injectors (Individual - 6 needed for set)

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
3	1715860	2003-2004 5.9L - Stage-1 60hp - 33%	Dodge	3 Hrs	I	129	150	458.95
3	1715861	2003-2004 5.9L - Stage-2 90hp - 43%	Dodge	3 Hrs	I	129	150	469.95
3	1715862	2003-2004 5.9L - Stage-3 120hp - 53%	Dodge	3 Hrs	I	129	150	478.95
3	1715865	2004.5-2007 5.9L - Stage-1 60hp - 33%	Dodge	3 Hrs	I	129	150	458.95
3	1715866	2004.5-2007 5.9L - Stage-2 90hp - 43%	Dodge	3 Hrs	I	129	150	469.95
3	1715867	2004.5-2007 5.9L - Stage-3 120hp - 53%	Dodge	3 Hrs	I	129	150	478.95
3	1715870	2007.5-2018 6.7L - Stage-1 60hp - 33%	Dodge	4.5 Hrs	I	129	150	458.95
3	1715871	2007.5-2018 6.7L - Stage-2 90hp - 43%	Dodge	4.5 Hrs	I	129	150	469.95
3	1715872	2007.5-2018 6.7L - Stage-3 120hp - 53%	Dodge	4.5 Hrs	I	129	150	478.95

## Dodge BD-Built Performance Premium Common Rail Injectors (Individual - 6 needed for set)

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
3	1725860	2003-2004 5.9L - Stage-1 60hp - 33%	Dodge		I	129	150	504.95
3	1725865	2004.5-2007 5.9L - Stage-1 60hp - 33%	Dodge		I	129	150	504.95

## Dodge Common Rail Fuel Rails & Supply Connectors

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	0445226014	2003-2007 5.9L Fuel Rail	Dodge	1 Hr	C			319.00
4	F00R301572	2003-2007 5.9L Supply/Connector Tube	Dodge		C			49.95
4	0445226044	2007.5-2012 6.7L Fuel Rail	Dodge	2 Hrs	C			495.00
4	F00RC00647	2007.5-2018 6.7L Supply/Connector Tube	Dodge		C			84.56

## Dodge Common Rail Fuel Pressure Plugs

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
2	1050070	2003-2007 5.9L	Dodge	0.5 Hr	A	130		42.95
1	1050071	2007.5-2018 6.7L	Dodge	1 Hr	A	130,1378,1397,1398		42.95

## Dodge 24-Valve Performance Injectors

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
3	1075821	1998-2002 24-valve (Set of 6) 50hp	Dodge	2.5 Hrs	I	148	90	861.95
3	1075822	1998-2002 24-valve (Set of 6) 75hp	Dodge	2.5 Hrs	I	148	90	916.95
3	1075823	1998-2002 24-valve (Set of 6) 100hp	Dodge	2.5 Hrs	I	148	90	971.95
3	1075824	1998-2002 24-valve (Set of 6) 125hp	Dodge	2.5 Hrs	I	32,148	90	1,027.95
3	1075825	1998-2002 24-valve (Set of 6) 150hp	Dodge	2.5 Hrs	I	32,148	90	1,094.95
3	1075826	1998-2002 24-valve (Set of 6) 200hp	Dodge	2.5 Hrs	A	32,148	90	1,284.95

## Dodge XXX-Pulse 24-Valve Nozzle Sets

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
3	1075831	1998-2002 24-valve (Set of 6) 50hp	Dodge	3.5 Hrs	A	30		479.95
3	1075832	1998-2002 24-valve (Set of 6) 75hp	Dodge	3.5 Hrs	A	30		499.95
3	1075833	1998-2002 24-valve (Set of 6) 100hp	Dodge	3.5 Hrs	A	30		539.95
3	1075834	1998-2002 24-valve (Set of 6) 125hp	Dodge	3.5 Hrs	A	30,32		579.95
3	1075835	1998-2002 24-valve (Set of 6) 150hp	Dodge	3.5 Hrs	A	30,32		609.95

EMS (Emissions) Code: See table of contents page for more info

**Note 30:** Qualified technician and equipment required

**Note 32:** WARNING these injectors/nozzles are for extreme/race use only and may cause excessive smoke/heat

**Note 129:** Sold individually/each

**Note 130:** Removing the fuel pressure relief valve can cause damage to the fuel system.

**Note 148:** 1040281 required for first time replacement of injectors for engines with a serial numbers less than 56462598

**Note 227:** All cylinders require same horsepower level injectors

**Note 228:** Purchase 6 injectors for a complete set

**Note 363:** CARB EO No D-553-6/D-553-10

**Note 1378:** SEMA Certification No. SC-BDD01-0083

**Note 1383:** SEMA Certification No. SC-BDD01-0017

**Note 1397:** CARB EO No. D-553-21 - Covers 2007-2012 Dodge/Ram 2500/3500 6.7L diesel pickup trucks

**Note 1398:** CARB EO No. D-553-20 - Covers 2004-2010 GM 6.6L Silverado/Sierra 2500/3500 diesel pickup trucks

# Injectors

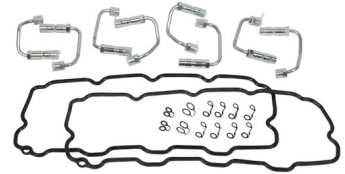


## Dodge ISB Injector Connector Turbo & Seal Kits

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1040281	1998-2002 24-valve Injector Connector Tubes	Dodge		A			236.95
4	1075800	1998-2002 24-valve ISB Injector Seal Kit	Dodge		A			22.95

## Dodge 12-valve Performance Injector Sets

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
3	1040277	1994-1998 5.9L 12valve 45HP	Dodge	2 Hrs	A			792.95
3	1040278	1994-1998 5.9L 12valve 90HP	Dodge	2 Hrs	A			848.95
3	1040279	1994-1998 5.9L 12valve 120HP	Dodge	2 Hrs	A			905.95



## Injector Install Kits

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1050141	2001-2004 Chevy LB7 Duramax	Chevy	5.5 Hrs	A	328		793.95
4	1050155	2003-2005 5.9L	Dodge	4 Hrs	A	328		617.95
4	1050156	2006-2007 5.9L	Dodge	4 Hrs	A	328		720.95
4	1050157	2007.5-2018 6.7L	Dodge	4.5 Hrs	A	328		1,029.95
4	1050457	Injector Connector Pigtail 2017-2023 L5P	Chevy	0.5 Hr	A			41.95
4	1050458	Injector Connector Pigtail 2017-2023 L5P (4-pack)	Chevy	0.5 Hr	A			154.95

## Injector Lines Sets

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1050140	2001-2004 Duramax LB7	Chevy	7 Hrs	A			442.95
4	1050170	2011-2016 Duramax	Chevy	5 Hrs	A			293.95
4	1050150	2003-2007 5.9L	Dodge	2 Hrs	A			267.95
4	1050151	2007.5-2018 6.7L	Dodge	2 Hrs	A			401.95
4	1050165	2011-2021 6.7L Power Stroke	Ford	3.3 Hrs	A			293.95

## Injector Sets w/Install Kits

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1050180	2001-2004 Chevy LB7 Duramax	Chevy	5.5 Hrs	I		1,200	2,599.00
4	1050181	2003-2004 5.9L	Dodge	4 Hrs	I	160,161,162	900	2,325.00
4	1050182	2004.5-2005 5.9L	Dodge	3 Hrs	I	165,166,167	900	2,325.00
4	1050183	2006-2007 5.9L	Dodge	3 Hrs	I	165,166,167	900	2,425.00
4	1050184	2007.5-2012 6.7L Pick-up	Dodge	4.5 Hrs	I	170,171,172,327	900	2,959.00
4	1050185	2013-2018 6.7L Pick-up	Dodge	4.5 Hrs	I	235	900	2,959.00
4	1050186	2007.5-2010 6.7L Cab & Chassis w/o SCR	Dodge	3 Hrs	I	295	900	2,959.00
4	1050187	2010.5-2012 6.7L Cab & Chassis w/SCR	Dodge	3 Hrs	I	236,296	900	2,959.00
4	1050188	2013-2018 6.7L Cab & Chassis	Dodge	4.5 Hrs	I	294	900	2,959.00

EMS (Emissions) Code: See table of contents page for more info

- Note 160:** Replaces 0986435503, 0445120018, 0445120113, 0445120210, 0445120255
- Note 161:** Replaces Mopar # R8004082AA, R8004082AB, R8004082AC, R5086894AA, R8310748AA
- Note 162:** Replaces Cummins # 3949619, 4940589, 5254686, 5283318
- Note 165:** Replaces # 0986435505, 0445120032, 0445120103, 0445120114, 0445120208, 0445120238
- Note 166:** Replaces Mopar# R5135790AB, R5135790AC, R5135790AF, R8310746AA
- Note 167:** Replaces Cummins# 3968158, 4937700, 4940051, 5254688, 5263316
- Note 170:** Replaces Mopar # R8069384AA, R8310749AA
- Note 171:** Replaces Cummins # 3968158, 4937700, 4940051, 5254688
- Note 172:** Replaces # 0986435518, 0445120050, 0445120193, 0445120185
- Note 235:** Replaces 0445120342, 0986435621, 4994925, R8210512AA, R8415373AA
- Note 236:** Replaces 0986435574, 0445120188, R8086182AA, R8333562AA
- Note 294:** Replaces Bosch injectors 0445120187 and 0986435573
- Note 295:** w/o SCR (Selective Catalytic Reduction) or Urea Blue Filler Cap Tank
- Note 296:** w/SCR (Selective Catalytic Reduction) or Urea Blue Filler Cap Tank
- Note 327:** SEMA Certified: SC-BDD01-0017
- Note 328:** Does NOT include injectors



# Injectors

## CHEVY INJECTORS



### Duramax BD-Built Stock HP Common Rail Injectors (Individual - 8 needed for set)

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1715502	2001-2004 LB7	Chevy	5.5 Hrs	I	129,234	150	243.95
4	1715504	2004.5-2006 LLY	Chevy	5.5 Hrs	I	129,163,164	150	315.95
4	1715521	2006-2007 LBZ	Chevy	3 Hrs	I	129,175,176	150	386.95
4	1715520	2007.5-2010 LMM	Chevy	5.5 Hrs	I	129,173,174	150	386.95
4	1715522	2011-2016 LML	Chevy	5.5 Hrs	I	129	130	401.95

### Duramax BD-Built Premium Stock HP Common Rail Injectors (Individual - 8 needed for set)

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1725502	2001-2004 LB7	Chevy	5.5 Hrs	I	129,234	150	315.95
4	1725504	2004.5-2006 LLY	Chevy	5.5 Hrs	I	129,163,164	150	387.95
4	1725521	2006-2007 LBZ	Chevy	3 Hrs	I	129,175,176	150	458.95
4	1725520	2007.5-2010 LMM	Chevy	5.5 Hrs	I	129,173,174	150	458.95

### Duramax BD-Built StockPlus Common Rail Injectors +10hp-15hp (Individual - 8 needed for set)

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
2	1714502	2001-2004 LB7	Chevy	5.5 Hrs	I	129	150	273.95
2	1714504	2004.5-2006 LLY	Chevy	5.5 Hrs	I	129	150	346.95
2	1714521	2006-2007 LBZ	Chevy	5.5 Hrs	I	129	150	417.95
2	1714520	2007-2010 LMM Duramax	Chevy	5.5 Hrs	I	129	150	417.95

### Duramax BD-Built StockPlus Premium Common Rail Injectors +10hp-15hp (Individual - 8 needed for set)

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
2	1724502	2001-2004 LB7	Chevy	5.5 Hrs	I	129	150	346.95
2	1724504	2004.5-2006 LLY	Chevy	5.5 Hrs	I	129	150	418.95
2	1724521	2006-2007 LBZ	Chevy	5.5 Hrs	I	129	150	489.95
2	1724520	2007-2010 LMM Duramax	Chevy	5.5 Hrs	I	129	150	489.95

### Duramax BD-Built Performance Common Rail Injectors (Individual - 8 needed for set)

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
3	1716600	2001-2004 LB7 - Stage-1 60hp - 33%	Chevy	12 Hrs	I	129	150	398.95
3	1716601	2001-2004 LB7 - Stage-2 90hp - 43%	Chevy	12 Hrs	I	129	150	403.95
3	1716605	2004-2006 LLY - Stage-1 60hp - 33%	Chevy	6 Hrs	I	129	150	424.95
3	1716606	2004-2006 LLY - Stage-2 90hp - 43%	Chevy	6 Hrs	I	129	150	433.95
3	1716610	2006-2007 LBZ - Stage-1 60hp - 33%	Chevy	6 Hrs	I	129	150	505.95
3	1716611	2006-2007 LBZ - Stage-2 90hp - 43%	Chevy	6 Hrs	I	129	150	513.95
3	1716615	2007.5-2010 LMM - Stage 1 60hp - 33%	Chevy	6 Hrs	I	129	150	505.95
3	1716616	2007.5-2010 LMM - Stage 2 90hp - 43%	Chevy	6 Hrs	I	129	150	513.95

### Duramax Common Rail Fuel Pressure Plugs

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
1	1050071	2004.5-2010 6.6L Duramax	Chevy	1 Hr	A	130,1378,1397,1398		42.95

EMS (Emissions) Code: See table of contents page for more info

**Note 129:** Sold individually/each

**Note 130:** Removing the fuel pressure relief valve can cause damage to the fuel system.

**Note 163:** Replaces # 0986435504, 0445120027

**Note 164:** Replaces GM# 97780144, 97303657

**Note 173:** Replaces GM # 98002368, 97780360

**Note 174:** Replaces # 0986435520, 0445120082

**Note 175:** Replaces GM # 97361355, 97780358, 97780474

**Note 176:** Replaces 0986435521, 0445120042

**Note 234:** Replaces 0986435502, 0445120082, 97729095, 97720661, 97208074

**Note 1378:** SEMA Certification No. SC-BDD01-0083

**Note 1397:** CARB EO No. D-553-21 - Covers 2007-2012 Dodge/Ram 2500/3500 6.7L diesel pickup trucks

**Note 1398:** CARB EO No. D-553-20 - Covers 2004-2010 GM 6.6L Silverado/Sierra 2500/3500 diesel pickup trucks



# Injectors

## FORD INJECTORS & CONTROLS



### Ford 6.7L CP4 Pump

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	0986437422	2011-2014 6.7L	Ford	6.8 Hrs	C		400	899.95

### Ford 6.0L/VT365 Replacement FICMs

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
2	1059700-A	2003-2007 +58-volt	Ford	0.5 Hr	A		250	699.95

### Ford 7.3L DI PowerStroke Injectors

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	UP6999-PP	1994-1997 Code AA	Ford	4.5 Hrs	A		125	257.95
4	UP7000-PP	1996-1998.5 Code AB	Ford	4.5 Hrs	A		125	257.95
4	UP7002-PP	1999-2003 Code AD	Ford	4.5 Hrs	A		125	257.95
4	UP7003-PP	1999-2003 Code AE	Ford	4.5 Hrs	A		125	257.95

### Ford 6.0L / 6.4L / 6.7L DI PowerStroke Injectors

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	AP60900	2003 before 09/22/2003 PROD date	Ford	5 Hrs	E	131	150	226.95
4	AP60901	2004-2007 6.0L 09/22/2003 and later PROD date	Ford	5 Hrs	E	132	150	226.95
4	AP64900	2008-2010 6.4L (Each)	Ford	4.5 Hrs	E		175	318.95
4	1715515	2011-2014 6.7L F250/F350 Pick-up (Wide Frame)	Ford	3 Hrs	J	129,168,169	125	386.95
4	1715515	2011-2016 6.7L F350/F450/F550 Cab & Chassis (Narrow Frame)	Ford	3 Hrs	J	129,168,169	125	386.95
4	1715533	2015-2019 6.7L F250/F350 Pick-up (Wide Frame)	Ford	3 Hrs	J	129,285	125	399.95
4	1715533	2017-2019 6.7L F350/F450/F550 Cab & Chassis (Narrow Frame)	Ford	3 Hrs	J	129,285	125	399.95

### Ford DI PowerStroke High Pressure Oil Pump

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	BOSHPOP-008X	1999.5-2003 7.3L	Ford		C		150	559.93
4	BOSHPOP-123X	2003-2004 6.0L	Ford		C		150	666.60
4	BOSHPOP-122X	2004.5-2008 6.0L	Ford		C		200	733.27

# Injection Pumps and Components

## DODGE INJECTION PUMPS



### Dodge High Power R900 12mm 72% CP3 Injection Pump

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
2	1050551	2003-2018 5.9L/6.7L Cummins	Dodge	3 Hrs	I		300	2,499.00

### Dodge R900 & Performance Injector Combo Kits

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
3	1051500	2003-2004 5.9L Stage 1	Dodge	8.5 Hrs	I		1,200	4,995.00
3	1051501	2003-2004 5.9L Stage 2	Dodge	8.5 Hrs	I		1,200	5,045.00
3	1051502	2003-2004 5.9L Stage 3	Dodge	8.5 Hrs	I		1,200	5,098.00
3	1051505	2004.5-2007 5.9L Stage 1	Dodge	8.5 Hrs	I		1,200	5,045.00
3	1051506	2004.5-2007 5.9L Stage 2	Dodge	8.5 Hrs	I		1,200	5,098.00
3	1051507	2004.5-2007 5.9L Stage 3	Dodge	8.5 Hrs	I		1,200	5,149.00
3	1051510	2007.5-2018 6.7L Stage 1	Dodge	8.5 Hrs	I		1,200	5,045.00
3	1051511	2007.5-2018 6.7L Stage 2	Dodge	8.5 Hrs	I		1,200	5,098.00
3	1051512	2007.5-2018 6.7L Stage 3	Dodge	8.5 Hrs	I		1,200	5,149.00

EMS (Emissions) Code: See table of contents page for more info

Note 129: Sold individually/each

Note 131: Up to production date 9/22/03

Note 132: After production date 9/22/03

Note 168: Replaces Ford # BC3Z-9H529-A, BC3Z-9H529-B

Note 169: Replaces # 0445117023, 0986435415

Note 285: Replaces injector part numbers 0445117043, 0445117040 & 0986435433

# Injection Pumps and Components

## DODGE INJECTION PUMPS



### Dodge Exchange Replacement Stock HP CP3 Injection Pump

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1050105	2003-2007 5.9L CP3	Dodge	3 Hrs	I		300	823.95
4	1050106	2007.5-2018 6.7L CP3	Dodge	3 Hrs	I		300	823.95

### Dodge Venom CP3 Conversion Kits

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
2	1050490	Install Kit Only - 2019-2020 6.7L	Dodge	3 Hrs	A	287,1380		1,896.95
2	1050491	Complete Kit w/Stock HP Pump - 2019-2020 6.7L	Dodge	3 Hrs	A	287,1380		3,015.00
2	1050492	Complete Kit w/R900 Stroker Pump - 2019-2020 6.7L	Dodge	3 Hrs	A	287		3,345.00

### Dodge 24-valve High Performance 100+ hp Injection Pumps

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
2	1050127HP	1998.5-2002 24-valve	Dodge	4 Hrs	J		600	2,675.00

### Dodge 12-valve 1994-1998 P7100 Performance Pumps

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
3	1051854	1994-1995 Automatic Trans 300hp 3000rpm	Dodge	4.5 Hrs	A	191	2,000	2,985.00
3	1051841	1994-1995 Manual Trans 300hp 3000rpm	Dodge	4.5 Hrs	A	191	2,000	2,985.00
3	1051911	1996-1998 Automatic Trans 300hp 3000rpm	Dodge	4.5 Hrs	A	191	2,000	2,985.00
3	1052911	1996-1998 Automatic Trans 400hp 3200rpm	Dodge	4.5 Hrs	A	191	2,000	4,015.00
3	1051913	1996-1998 Manual Trans 300hp 3000rpm	Dodge	4.5 Hrs	A	191	2,000	2,985.00
3	1052913	1996-1998 Manual Trans 400hp 3200rpm	Dodge	4.5 Hrs	A	191	2,000	4,015.00

### Dodge 12-valve 1994-1998 P7100 Stock HP Injection Pumps

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1050854	1994-1995 Automatic Trans Stock hp	Dodge	4.5 Hrs	A	191	2,000	2,470.00
4	1050841	1994-1995 Manual Trans Stock hp	Dodge	4.5 Hrs	A	191	2,000	2,470.00
4	1050911	1996-1998 Automatic Trans Stock hp	Dodge	4.5 Hrs	A	191	2,000	2,470.00
4	1050913	1996-1998 Manual Trans Stock hp	Dodge	4.5 Hrs	A	191	2,000	2,470.00

### Dodge 24-valve Stock HP Injection Pumps

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1050030	1998.5-2002 5.9L Auto/5-Speed	Dodge	4 Hrs	C		700	1,599.00
4	1050037	1998.5-2002 5.9L Auto/5-Speed c/w Low Pressure Alarm Kit	Dodge	4 Hrs	J		700	1,550.00
4	1050031	2000-2002 5.9L 6-Speed	Dodge	4 Hrs	C		700	1,599.00
4	1050038	2000-2002 5.9L 6-Speed c/w Low Pressure Alarm Kit	Dodge	4 Hrs	J		700	1,550.00

### Dodge P7100 Fuel Stop Plates

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
3	1040196	Fuel Control Plate #5	Dodge	1.5 Hrs	A	307		294.95
3	1040192	Fuel Control Plate #6	Dodge	1.5 Hrs	A	307		294.95
3	1040193	Fuel Control Plate #8	Dodge	1.5 Hrs	A	307		294.95
3	1040197	Fuel Control Plate #10	Dodge	1.5 Hrs	A	307		294.95
3	1040194	Fuel Control Plate #11	Dodge	1.5 Hrs	A	307		294.95
3	1040195	Fuel Control Plate #12	Dodge	1.5 Hrs	A	307		294.95

### Dodge P7100 Pump Performance Kits

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
2	1040181	AFC Spring Kit P7100 Bosch pump	Dodge		A			69.95
3	1040187	Governor Spring Kit 3000 rpm P7100 Pump	Dodge	3 Hrs	A			112.95
3	1040185	Governor Spring Kit 4000 rpm P7100 Pump	Dodge	3 Hrs	A	114		212.95
3	1040186	Delivery Valve Kit P7100 High Flow Design	Dodge	1.5 Hrs	A			695.95

### Dodge VE Pump Performance Pin & Spring Kit

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
3	1040178	VE Pump Fuel Pin & Spring Kit - 1988-1993	Dodge	1.5 Hrs	A			196.95

### Dodge Banjo Bolt Upgrade Kits

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1050215	Banjo Bolt Upgrade Kit, 1999 24-valve	Dodge	1 Hr	A			98.95

EMS (Emissions) Code: See table of contents page for more info

**Note 114:** If 60lbs exhaust valve springs have not already been installed for use with Exhaust Brake, valve spring kit part no 1030060 is required

**Note 191:** Shutdown solenoid not included

**Note 287:** Conversion is EPA compliant on its own - any additional alterations to fuel system (tuners/programmers/injectors) may not be EPA compliant

**Note 307:** Consult application chart on website or in product catalog for correct selection and limitations

**Note 1380:** SEMA Certification No. SC-BDD01-0058

# Injection Pumps and Components

## **DODGE INJECTION PUMPS**



### Dodge Banjo Bolt Upgrade Kits (Continued)

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1050220	Banjo Bolt Upgrade Kit, 2000-2002 24-valve	Dodge	1 Hr	A			72.95

### Dodge VP44 Pump Stealth Cover

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
2	1050201	VP44 Pump Cover Kit	Dodge	1 Hr	A			84.95

### Dodge Low Fuel Pressure LED Alarm Kits

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1081130	Red LED Alarm Kit 1998-2007 24valve 5.9L	Dodge	1 Hr	A	84		91.95
4	1081133	Amber LED Alarm Kit 1998-2007 24valve 5.9L	Dodge	1 Hr	A			91.95

## **CHEVY INJECTION PUMPS**



### Duramax High Power R900 12mm 72% CP3 Injection Pump

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
2	1050651	2001-2016 6.6L Duramax	Chevy	7 to 14 Hrs	I	151	300	2,499.00

### Duramax Exchange Replacement Stock HP Common Rail Pumps

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1050110	2001-2004 LB7	Chevy	7 Hrs	I		300	823.95
4	1050111	2004.5-2005 LLY	Chevy	14 Hrs	I		300	823.95
4	1050112	2006-2010 LBZ/LMM	Chevy	14 Hrs	I		300	823.95
4	0986437421	2011-2016 LGM/LML (CP4)	Chevy		C		240	724.95

### Duramax CP3 Conversion Kit (replace CP4)

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
2	1050496	Conversion Kit c/w Standard Pump - 2011-2016 6.6L 2500/3500	Chevy	15 Hrs	A	343,1371		1,853.95

### Chevy 6.5L Pump Mounted Driver Relocation Kit

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1036520	6.5 DS4 PMD Relocation Kit	Chevy	1 Hr	A			90.95
4	1036530	Black PMD Extension Cable - 40-inch	Chevy		A	37		55.95
4	1036531	Black PMD Extension Cable - 72-inch	Chevy		A	37		59.95
4	1036532	Grey PMD Extension Cable - 40-inch	Chevy		A	133		55.95
4	1036533	Grey PMD Extension Cable - 72-inch	Chevy		A	133		59.95

## **VENOM DUEL PUMP KITS**



### Ford 6.7L Venom Dual Fuel Pump Kits

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
2	1050470	2011-2018 6.7L c/w CP3 Pump	Ford	4 Hrs	E	142,290		3,315.00
2	1050471	2011-2018 6.7L Install Kit (No Pump)	Ford	4 Hrs	E	142,290		1,380.95

EMS (Emissions) Code: See table of contents page for more info

**Note 37:** Will not fit new style Stanadyne "Grey" PMD manufactured after April 2009. Will fit all D-Tech and Stanadyne "Black" PMD's.

**Note 84:** Also available with Amber light (part # 1081133) often used in School Buses

**Note 133:** Will fit Stanadyne "Grey" PMD's only

**Note 142:** Add on 1050470-SB pulley kit required for 2011 single/dual alternator and 2012-2016 dual alternator

**Note 151:** LB7 and LLY engines will require tuner programming, or, the original FCAMPROP transferred from removed pump to new pump

**Note 290:** Will fit OEM intake/turbo assembly & BD Scorpion Turbo kit

**Note 343:** Conversion is EPA compliant on its own - any additional alterations to fuel system (tuners/programmers/injectors) may not be EPA compliant

**Note 1371:** SEMA Certified: SC-BDD01-0080

# Injection Pumps and Components

## VENOM DUAL PUMP KITS



### Ford 6.7L Venom Dual Fuel Pump Kits (Continued)

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
2	1050470-SB	Addon Kit 2011 6.7L w/Single or Dual Alternator	Ford	0.5 Hr	E	142		433.95
2	1050470-SB	Addon Kit 2012-2018 6.7L w/Dual Alternator	Ford	0.5 Hr	E	142		433.95

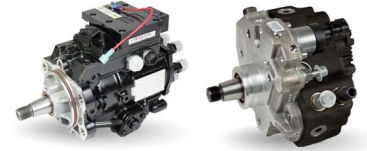
### Dodge Venom Dual Fuel Pump Kits - With Controller

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
2	1050485	2005-2009 5.9L/6.7L c/w Pump	Dodge	2.5 Hrs	E	257		2,499.00
2	1050486	2005-2009 5.9L/6.7L Install Kit (No Pump)	Dodge	2.5 Hrs	E	257		1,235.95
2	1050487	2010-2012 / 2015-2018 6.7L c/w CP3 Pump	Dodge	2.5 Hrs	E	257		2,499.00
2	1050488	2010-2012 / 2015-2018 6.7L Install Kit (No Pump)	Dodge	2.5 Hrs	E	257		1,235.95

### Dodge Venom Dual Fuel Pump Kits - W/O Controller

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
2	1050475	2005-2009 5.9L/6.7L c/w Pump	Dodge	2.5 Hrs	E	77		2,295.00
2	1050476	2005-2009 5.9L/6.7L Install Kit (No Pump)	Dodge	2.5 Hrs	E	77		974.95
2	1050477	2010-2012 / 2015-2018 6.7L c/w CP3 Pump	Dodge	2.5 Hrs	E	77		2,295.00
2	1050478	2010-2012 / 2015-2018 6.7L Install Kit (No Pump)	Dodge	2.5 Hrs	E	77		974.95

## MISC INJECTION PUMPS

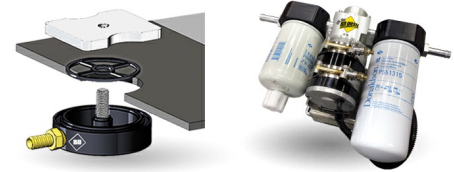


### Cummins 24-Valve Midline/RV Injection Pump

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1050032	5.9L ISB 24-Valve Cummins Midline or RV Application	Cummins	4 Hrs	C		700	1,599.00

# Fuel Supply Kits

## FLOW-MAX LIFT PUMPS



### Venom Lift Pump Kits c/w Filter & Separator

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
2	1050322	2001-2010 6.6L Duramax	Chevy	2.25 Hrs	E			795.95
2	1050323	2011-2016 Duramax	Chevy	2.25 Hrs	E			795.95
4	1050332	1998-2002 24-valve	Dodge	3.5 Hrs	E			772.95
2	1050335	2003-2004 5.9L	Dodge	3.5 Hrs	E			772.95
2	1050333	2005-2012 5.9:/6.7 Cummins	Dodge	3.5 Hrs	E			772.95
2	1050334	2013-2022 6.7L	Dodge	3.5 Hrs	E			793.95
2	1050319	2008-2010 6.4L	Ford	3.5 Hrs	E			914.95
4	1050341	Replacement Filter Dual-Pack	All	0.5 Hr	E			55.95

### Flow-MaX Lift Pump Kits c/w Filter & Separator

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1050302	Intank Pump Retrofit Kit 1998.5-2004	Dodge	2 Hrs	E	40		12.95
4	1050341	Replacement Filter Dual-Pack	All	0.5 Hr	E			55.95

EMS (Emissions) Code: See table of contents page for more info

**Note 40:** Vehicles with intank lift pump conversion require 1050302 Retrofit Kit for install of Flow-MaX

**Note 77:** ECM tuning required

**Note 142:** Add on 1050470-SB pulley kit required for 2011 single/dual alternator and 2012-2016 dual alternator

**Note 257:** ECM Tuning Required when not using optional controller

## Fuel Supply Kits

# FLOW-MAX LIFT PUMPS



### Flow-MaX Performance Lift Pump Kits

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1050302	Intank Pump Retrofit Kit 1998.5-2004	Dodge	2 Hrs	E	40		12.95

### Flow-MaX Add-On Filter & Water Separator

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1050340-PFF	Fine Particle Post-Fuel Filter Kit	All	1 Hr	E			83.95
4	1050340-WSP	Water Separator Pre-Filter Kit	All	1 Hr	E			90.95

### Flow-MaX Fuel Heaters

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1050346	BD Flow-MaX Lift Pump w/Fuel Filter	All	0.5 Hr	A			217.95
4	1050347	AirDog I / II/ II-4G Lift Pumps	All	0.5 Hr	E	309		257.95
4	1050348	FASS Lift Pumps	All	0.5 Hr	A			217.95

### Flow-MaX Water In Fuel (WIF) Sensor Kits

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1050352	2000-2007 5.9L w/BD Flow-MaX Lift Pump & Water Separator	Dodge	0.5 Hr	A			87.95
4	1050353	2007.5-2019 6.7L w/BD Flow-MaX Lift Pump & Water Separator	Dodge	0.5 Hr	A			144.95

### Flow-MaX High Flow Add-ons

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1050330	Tank Sump Kit	All	1.5 Hrs	A			179.95
4	1050331	Monster 1/2" Line Kit	All	1 Hr	A			166.95
4	1500388	Fuel Pressure Control "Blue" Spring	Ford	0.5 Hr	A			14.95

### Dodge Fuel Distribution Blocks

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1050370	2003-2009 5.9L/6.7L	Dodge	2.5 Hrs	A	153		112.95
4	1050371	2010-2022 6.7L	Dodge	2.5 Hrs	A	153		102.95

# AUX LIFT PUMPS & FILTERS



### Replacement/Bypass Lift Pump Kits

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1050226	1998.5-2004.5 24valve 5.9L Auxiliary Pump Kit	Dodge	2 Hrs	A	193		436.95
4	1050224	1998.5-2002 24valve 5.9L OEM Replacement Kit	Dodge	1 Hr	A			364.95
4	1050229	1998.5-2002 24-valve OEM Bypass Kit	Dodge	2 Hrs	A			436.95
4	1050227	2003-2004 5.9L OEM Bypass Kit	Dodge	2 Hrs	A	193		436.95
4	1050231	2003-2004 5.9L OEM Replacement	Dodge	1 Hr	A			436.95

### Remote Fuel Filter Kits

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1500063	Replacement Filter - 1050060 Kit	Chevy		A	33		37.95

**EMS (Emissions) Code:** See table of contents page for more info

**Note 33:** Equivalent to Donalson P551311

**Note 40:** Vehicles with intank lift pump conversion require 1050302 Retrofit Kit for install of Flow-MaX

**Note 153:** This kit removes OEM filtration, auxiliary filter kit required for fuel system protection

**Note 193:** Some 2003-2004 trucks may have had the engine mounted fuel pump retrofitted to an in-tank pump, in this case this kit will not work. This pump will outflow in-tank pumps.

**Note 309:** FASS "Red Base" requires use of P550550 filter or equivalent

# Steering & Suspension



## Dodge Traction Bar Sets

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1032130	2003-2018 2500/3500 w/o OEM Rear Airbags	Dodge	4 Hrs	A	156,157,226,238,239,256		772.95

## Dodge Steering Stabilizers

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1032002	1994-2002 2500/3500 2wd & 1994-2001 1500 2wd	Dodge	1 Hr	A	86,87,265		252.95
4	1032004	1994-2002 2500/3500 4wd & 1994-2001 1500 4wd	Dodge	1 Hr	A	86,87		252.95
4	1032003	2003-2023 4wd 2500/3500	Dodge	1 Hr	A	85,86,87,289		263.95
4	1302000	Steering Stabilizer Service Kit	Dodge	0.5 Hr	P			95.95

## Dodge Adjustable Track Bar Kits

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1032011-F	1994-2002 2500/3500 4wd	Dodge	4 Hrs	A			597.95
4	1032013-F	2003-2013 2500 4wd	Dodge	1 Hr	A			411.95
4	1032013-F	2003-2012 3500 4wd	Dodge	1 Hr	A			411.95
4	1032018	2014-2022 2500 4wd	Dodge	1 Hr	A			411.95
4	1032018	2013-2022 3500 4wd	Dodge	1 Hr	A			411.95
4	1302033-1	Dodge Track Bar Poly Bushing Set	Dodge		A	209		47.95

## Dodge Sway Bar End Links Kit

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1032050	2000-2009 4wd 2500/3500	Dodge	1 Hr	A	135,241		191.95
4	1312051	Replacement Bushing Set for 1032050	Dodge	1.0 Hr	A			45.95
4	1032051	2010-2012 4wd 2500/3500	Dodge	1 Hr	A	135		191.95
4	1312062	Replacement Bushing Set for 1032051	Dodge	1.0 Hr	A			45.95
4	1032052	2013-2022 4wd 2500/3500	Dodge	1 Hr	A	135		191.95
4	1312068	Replacement Bushing Set for 1032052	Dodge	1.0 Hr	A			115.95



## Ford Adjustable Track Bar Kits

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1032110	2005-2016 4wd F250/F350	Ford	1.5 Hrs	A	70,306		398.95
4	1032111	2017-2022 4wd F250/F350	Ford	1.5 Hrs	A	70,306		483.95
4	1032110	2005-2022 F450/F550 2wd/4wd (See Note)	Ford	1.5 Hrs	A	70,306		398.95
4	1032111	2017-2022 F450/F550 2wd/4wd (See Note)	Ford	1.5 Hrs	A	70,306		483.95
4	1303104-KT	Ford Track Bar Poly Bushing Kit	Ford	1 Hr	A			30.95
4	1032113	Track Bar Bracket 2008-2021 F250/F350	Ford	1 Hr	A			236.95

EMS (Emissions) Code: See table of contents page for more info

**Note 70:** Front-end alignment is recommended after installing this product

**Note 85:** Does not fit Power Wagon models

**Note 86:** May interfere with snow plow equipment

**Note 87:** Is compatible with most swaybar drop brackets in lifted trucks

**Note 135:** Trucks lifted more than 3-inches will require sway bar offset spacer which is typically included in most lift kits

**Note 156:** Please check aftermarket Airbag fitment before purchasing.

**Note 157:** It is suggested in Heavy Duty applications to weld front mounts to frame.

**Note 209:** 2007-2012 model years will require in addition to this kit a 1302058 bushing

**Note 226:** Designed for pick-up truck applications - cannot guarantee fitment on all Cab & Chassis models

**Note 238:** 2010-2019 crew cab long box trucks require cutting and welding of the frame bracket

**Note 239:** 2014-2019 trucks with OEM air bags require cutting and welding of the axle bracket

**Note 241:** 2000-2005 may require drilling the axle mount to 9/16"

**Note 256:** Will not fit Dodge 2500 models equipped with coil sprung rear suspension

**Note 265:** Some 2wd drive application utilize a solid axle, for these applications please use the 4wd SBS part# 1032004

**Note 289:** Compatible with OEM 4-bolt & 6-bolt steering boxes as well as aftermarket Borgeson & RedHead boxes

**Note 306:** F450/F550 applications for model years 2017-up may require either 1032110 or 1032111 depending on ball joint location. Confirm which style of track bar is on your vehicle before ordering by consulting instruction manual for identification details.



# Steering & Suspension



## Ford Cam Caster Adjuster Kit

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1032100	2005-2010 6.0L/6.4L	Ford	4 Hrs	A			344.95
4	1032103	2011-2022 F250/F350 4wd	Ford	4 Hrs	A			318.95
4	1032103	2011-2022 F450/F550 2wd/4wd	Ford	4 Hrs	A			318.95



## Chevy Steering Upgrade

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1032150	Complete Steering Centerlink Upgrade - 2001-2010 Silverado/Sierra HD	Chevy	2.5 Hrs	A			514.95
4	1032160	Complete Steering Centerlink Upgrade w/Pitman - 2001-2010 Silverado/Sierra HD	Chevy	3 Hrs	A			895.95
4	1032125	Tie Rod Kit - 2001-2010 Silverado/Sierra HD	Chevy	1.5 Hrs	A	292		258.95
4	1032124	Tie Rod Kit - 2011-2019 Silverado/Sierra HD	Chevy	1.5 Hrs	A			258.95
4	1032126	End Links Kit - 2001-2019 Silverado/Sierra HD	Chevy	1.0 Hr	A			79.95

# Emergency Engine Shutdown



## E-PAS Emergency Engine Shutdown

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1036750	2007-2009 6.7L Pick-up / 2007-2010 6.7L Cab-Chassis	Dodge	1 Hr	A			699.95
4	1036751	2010-2018 6.7L Pick-up / 2011-2018 6.7L Cab-Chassis	Dodge	1 Hr	A			699.95
4	1036753	2019-2024 6.7L Pick-up / Cab & Chassis	Dodge	1 Hr	A			699.95
4	1036763	2014-2023 3.0L ECO Diesel Ram 1500	Dodge	1 Hr	A			699.95
4	1036754	2008-2010 6.4L Power Stroke	Ford	1 Hr	A			699.95
4	1036755	2011-2019 6.7L Power Stroke F250/F350/F450/F550	Ford	1 Hr	A			699.95
4	1036757	2020-2024 6.7L Power Stroke F250/F350/F450/F550	Ford	1 Hr	A			699.95
4	1036756	2018-2021 3.0L Power Stroke F150	Ford	1 Hr	A			699.95
4	1036758	2008-2010 Duramax LMM Pick-up	Chevy	1 Hr	A			699.95
4	1036758	2008-2015 Duramax LMM / LGH Van	Chevy	1 Hr	A			699.95
4	1036758	2011-2012 Duramax LGH Cab-Chassis	Chevy	1 Hr	A			699.95
4	1036759	2011-2016 Duramax LML Pick-Up	Chevy	1 Hr	A			699.95
4	1036759	2013-2016 Duramax LML Cab-Chassis	Chevy	1 Hr	A			699.95
4	1036761	2017-2023 Duramax LSP Pick-Up	Chevy	1 Hr	A	145		699.95
4	1036761	2019-2023 Silverado 4500 HD / 5500HD / 6500HD Duramax	GMC	1 Hr	A	145		699.95
4	1036760	2016-2023 2.8L Canyon/Colorado	Chevy	1 Hr	A			699.95
4	1036762	2019-2024 3.0L Duramax	Chevy	1 Hr	A	145		699.95
4	1036763	2014-2023 3.0L ECO Diesel Grand Cherokee	Jeep	1 Hr	A			699.95
4	1036770	ISX/X15 2014-2023	Cummins	2 Hrs	A	347		699.95
4	1036771	DD13/DD15/DD16 2008-2023	Detroit	1.5 Hrs	A			699.95
4	1036772	Volvo D13/Mack MP8 2017-2023	Volvo	1.5 Hrs	A			699.95

EMS (Emissions) Code: See table of contents page for more info

**Note 145:** Will set P0106 trouble code when activated

**Note 292:** 2001-2010 model years requires install of longer sway bar end links (sold separately)

**Note 347:** Some ISX's in the 2014-2017 year range may not be equipped with an engine intake throttle, therefore making them incompatible with this product.

# Emergency Engine Shutdown

## **EMERGENCY ENGINE SHUTDOWN**



### Positive Air Shutdown w/Electronic Over-speed Protection

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1036730	Generic 3.0"	All	3.5 Hrs	A			947.95
4	1036732	Generic 3.5"	All	3.5 Hrs	A			947.95
4	1036733	Generic 4.0"	All	3.5 Hrs	A			947.95
4	1036739	Generic 4.0" c/w Test Function	All	3.5 Hrs	A			947.95
4	1036720	2003-2007 5.9L	Dodge	3.5 Hrs	A			947.95
4	1036724	2013-2017 6.7L	Dodge	3.5 Hrs	A			947.95
4	1036701	2003-2007 6.0L	Ford	3.5 Hrs	A			947.95
4	1036703	2011-2014 6.7L	Ford	3.5 Hrs	A			947.95
4	1036712	2004.5-2010 LLY/LBZ/LMM	Chevy	3.5 Hrs	A			947.95
4	1036713	2011-2016 LMM	Chevy	3.5 Hrs	A			947.95

### Positive Air Shutdown - Manual Operation (no Electronics)

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1036731-M	Generic 2.5"	All	3 Hrs	A			687.95
4	1036730-M	Generic 3.0"	All	3 Hrs	A			687.95
4	1036732-M	Generic 3.5"	All	3 Hrs	A			687.95
4	1036733-M	Generic 4.0"	All	3 Hrs	A			687.95
4	1036720-M	2003-2007 5.9L	Dodge	3 Hrs	A			687.95
4	1036724-M	2013-2017 6.7L	Dodge	3 Hrs	A			687.95
4	1036701-M	2003-2007 6.0L	Ford	3 Hrs	A			687.95
4	1036703-M	2011-2014 6.7L	Ford	3 Hrs	A			687.95
4	1036712-M	2004.5-2010 LLY/LBZ/LMM	Chevy	3 Hrs	A			687.95
4	1036713-M	2011-2016 LMM	Chevy	3 Hrs	A			687.95

## Engine Accessories and Upgrades

### **ENGINE COMPONENTS**



### Ford Oil Coolers

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	AP63451	2003-2007 6.0L F-Series / Excursion	Ford		C			433.29
4	AP63451	2004-2010 E-Series	Ford		C			433.29
4	AP63451	2006-2010 4.5L LCF	Ford		C			433.29

### Ford 6.0L Replacement EGR Coolers

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1090201	2003-2004 6.0L w/Round Tube up to 09/22/03	Ford	5 Hrs	A	131	50	436.95
4	1090202	2004-2007 6.0L F/E w/Square Tube after 09/22/03	Ford	3 Hrs	A	132		436.95
4	1900204	Gasket Set 2004-2007 6.0L Square Tube	Ford		A			102.95

### Ford PowerStroke Crank Case Vent Filter Kits

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
2	1032170	1999-2003 7.3L PowerStroke	Ford	1.5 Hrs	A			483.95
2	1302171	Replacement Filter Element	Ford	0.1 Hr	A			97.95

### Ford 6.0L Coolant Filter Kit

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1032121	2003-2007 6.0L	Ford	1.5 Hrs	A	2		196.95
4	P554685	Replacement Filter	Ford		A			24.95

EMS (Emissions) Code: See table of contents page for more info

**Note 2:** F-Series Pick-up only / No E-Series

**Note 131:** Up to production date 9/22/03

**Note 132:** After production date 9/22/03

# Engine Accessories and Upgrades

## **ENGINE COMPONENTS**



### Dodge Killer Dowel Pin Repair Kits

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1040182	1994-1998 12-valve	Dodge	3 Hrs	A			196.95
4	1040183	1998-2002 24-valve	Dodge	3 Hrs	A			231.95

### Dodge Killer Frost Plug Plate

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1040022	1989-2002 5.9L	Dodge		A			64.95
4	1040023	2003-2018 5.9L/6.7L Cummins	Dodge	6 Hrs	A			64.95

### Dodge 6.7L Crankcase Vent Filter

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	CV52001FLG	2007.5-2015 6.7L	Dodge		C			139.95

### ARP Head Stud Sets

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	247-4203	1988-1998 5.9L 12-Valve	Dodge		C			582.05
4	247-4202	1998-up 5.9L/6.7L	Dodge		C			573.41
4	247-4204	1998-up 5.9L/6.7L Custom Age 625+	Dodge		C			1,542.46
4	250-4201	1994-2002 7.3L PowerStroke	Ford		C			782.61
4	250-4202	2003-2006 6.0L PowerStroke	Ford	30 Hrs	C			585.84
4	250-4203	2008-2010 6.4L PowerStroke	Ford		C			684.88
4	230-4201	2001-2016 Duramax	Chevy		C			776.01

## **ACCESSORIES**



### Patriot Diesel Fuel Tank Filler Spout Plug

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1050073	2013-2018 6.7L	Dodge		A	119,120		40.95
4	1050073	2014-2018 3.0L ECO Diesel	Dodge		A	119,120		40.95

### BD Apparel

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	2906270	BD Retro Hat - Curve Bill / Mesh Back	All		J			12.95
4	2933001	Multifunctional Gaiter - BD Diesel Black	All		J			7.95
4	2933002	Multifunctional Gaiter - BD Diesel Red	All		J			7.95
4	2934001	Multifunctional Gaiter 3-Layer - BD Diesel Black	All		J			14.95

# Exhaust Brakes

## **DODGE EXHAUST BRAKES**



### Exhaust Brakes - Dodge Pick-Ups

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
2	1027348	2018-2023 6.7L Remote Electronic 4.0in w/Non-VGT Turbo(s)	Dodge	3 Hrs	A	322		1,024.95
2	1027349	2018-2023 6.7L Remote Electronic 5.0in w/Non-VGT Turbo(s)	Dodge	3 Hrs	A	322		1,024.95
4	1027346	2007.5-2017 6.7L Remote Electronic 4.0in w/Non-VGT Turbo(s)	Dodge	3 Hrs	A	322		1,024.95
4	1027347	2007.5-2017 6.7L Remote Electronic 5.0in w/Non-VGT Turbo(s)	Dodge	3 Hrs	A	322		1,024.95

EMS (Emissions) Code: See table of contents page for more info

- Note 119:** Used as a bottle opener may cause damage to anodized finish
- Note 120:** Exposed magnet may cause damage to painted/finished surfaces
- Note 322:** Engine tuning required to retain brake function.

# Exhaust Brakes

## **DODGE EXHAUST BRAKES**



### Exhaust Brakes - Dodge Pick-Ups (Continued)

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
2	1027344	2007.5-2017 6.7L Remote Air 4.0in w/Non-VGT Single or Twin Turbos	Dodge	4 Hrs	A	65,90,144,305		1,592.95
2	1027345	2007.5-2017 6.7L Remote Air 5.0in w/Non-VGT Turbo or Twin Turbos	Dodge	4 Hrs	A	65,90,144,305		1,592.95
2	2023330	2006-2007 5.9L Turbo Mount Air kit	Dodge	4 Hrs	A	90,92		1,592.95
2	1027330	2006-2007 5.9L Remote Mount for 4" Exhaust	Dodge	4 Hrs	A	90		1,592.95
2	2023331	2004.5-2005 Turbo Mount Air kit	Dodge	3 Hrs	A	89,90,92		1,592.95
2	2023138	2003-2004 Turbo Mount Air kit	Dodge	4 Hrs	A	89,90,92		1,592.95
2	1027338	2003-2005 Remote Mount for 4" Exhaust	Dodge	4 Hrs	A	90		1,592.95
2	2033137	1999-2002 Turbo Mount Vac	Dodge	3 Hrs	A	89,90,92		1,403.95
2	2033135	1994-1998 Turbo Mount Vac 60# springs	Dodge	3 Hrs	A	41,89,90,92,297		1,317.95
2	1037135	1989-1998 Remote Vac 4" (no APPS)	Dodge	3 Hrs	A	41,43,89,90,237,318		1,441.95
2	1037136	1994-2002 Remote Vac 4" (with APPS)	Dodge	4 Hrs	A	41,42,43,89,90		1,441.95
4	1030060	Valve Spring Kit 60# Cummins 5.9 12-valve	Dodge	2.5 Hrs	A			112.95

## **FORD EXHAUST BRAKES**



### Ford PowerStroke Variable Vane Exhaust Brakes

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
2	1031369	2003-2007 6.0L c/w TapShifter	Ford	2 Hrs	A	304		687.95
2	2001100	2008-2010	Ford	1.5 Hrs	A			732.95
2	2001102	2011-2014 6.7L F250/F350	Ford	2.5 Hrs	A			732.95

### Exhaust Brakes - Ford Pick-Ups

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
2	1027150	2011-2016 6.7L Power Stroke	Ford		A	90,219		1,899.95
2	1027145	2003-2007 6.0L PowerStroke Manual Trans	Ford	4 Hrs	A	90		1,592.95
2	1027145AP	2003-2007 6.0L PowerStroke Auto Trans	Ford	8 Hrs	A	90		1,999.95
2	1027146	2003-2007 6.0L Manual Trans 4" Exhaust	Ford	4 Hrs	A	90		1,592.95
2	1027146AP	2003-2007 6.0L Auto Trans 4" Exhaust	Ford	8 Hrs	A	90		1,999.95
2	2023144	1999-2003 7.3L PowerStroke Turbo Mnt Air	Ford	4 Hrs	A	89,90,107		1,592.95
2	1027144	1999-2003 7.3L PowerStroke 4" Remote Air	Ford	5 Hrs	A	89,90		1,592.95
2	2033143	1994-1997 7.3L PowerStroke Turbo Mnt Vac	Ford	3.5 Hrs	A	89,90		1,317.95
4	1037143	1994-1997 7.3L PowerStroke Pickup/Van	Ford	4 Hrs	A	89,90		1,441.95
2	1037144	1994-2003 7.3L PowerStroke 4" Remote Vac	Ford	4 Hrs	A	89,90		1,441.95

### Ford 7.3L PowerStroke BrakeLoc

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
2	1030750	BrakeLoc 1995-2003 7.3L Auto Trans	Ford	2 Hrs	A			530.95
2	1030755	BrakeLoc 1994-2003 7.3L Manual Trans	Ford	0.5 Hr	A			265.95

EMS (Emissions) Code: See table of contents page for more info

**Note 41:** 1989-1998 12-valve engines require 1030060 exhaust valve spring kit

**Note 42:** 1989-1993 turbo mount brakes require 1040050 down pipe kit

**Note 43:** 1996-1998 "California" spec engines with EGR require 1030030 Kit

**Note 65:** If truck has no factory exhaust brake switch on dash, order kit 1027340 instead

**Note 89:** Trucks with automatic transmissions are suggested to also install an AutoLoc for electronic controlled lock-converters, or, a lower stall converter for manual or no lock-up converters

**Note 90:** Exhaust Back Pressure test gauge kit 1030050 suggested for the set-up of exhaust brakes

**Note 92:** Trucks with aftermarket turbos (with the exception of 1045161 Killer B) would require remote mount exhaust brake

**Note 107:** Will not work on early 1999 PowerStrokes (build date 03/21/99 and earlier)

**Note 144:** Currently this product has been tested with Bullydog and H&S tuners. Please check with your tuner if using EFI (EZ Lynk) or HP Tuners as these products have been known to have compatibility issues.

**Note 219:** This kit is intended to be used on non emission vehicles.

**Note 237:** 1989-1993 trucks must purchase part number 1300535 throttle switch bracket separately

**Note 297:** Will not operate on 1996-1998 "California" models with EGR valve

**Note 304:** Will not fit Ford Excursion models, F-series Super Duty pick-ups only

**Note 305:** Will work on 2018-up models but requires special engine tuning - refer to installation manual for details

**Note 318:** 1989-1993 models require 4-inch exhaust for installation. Example: Flo-Pro 847 or equivalent

# Exhaust Brakes

## CHEVY EXHAUST BRAKES



### Duramax Variable Vane Exhaust Brake

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
2	2001020	2006-2007 LBZ	Chevy	1 Hr	A	45		743.95
2	2001030	2007.5-2010 LMM	Chevy	1.5 Hrs	A	45		743.95

### Exhaust Brakes - Chevy Pick-Ups

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
2	1024310	2001-2010 Duramax 6.6L w/Stk Exh	Chevy	5 Hrs	A	44,60,82,90		1,592.95
2	1024311	2001-2010 Duramax 6.6L w/4" Exh	Chevy	5 Hrs	A	44,60,82,90,325		1,592.95

### Exhaust Brakes - Heavy Duty, Midline & Motorhomes

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
2	1028030	3.0-inch Exhaust	All	4 Hrs	A	90,178,180		1,441.95
2	1028130	3.0-inch Exhaust c/w Air Compressor	All	4.5 Hrs	A	90,178,180		1,592.95
2	1028035	3.5-inch Exhaust	All	4 Hrs	A	90,178,180		1,441.95
2	1028135	3.5-inch Exhaust c/w Air Compressor	All	4.5 Hrs	A	90,178,180		1,592.95
2	1028040	4.0-inch Exhaust	All	4 Hrs	A	90,178,180		1,441.95
2	1028140	4.0-inch Exhaust c/w Air Compressor	All	4.5 Hrs	A	90,178,180		1,592.95
2	1028050	5.0-inch Exhaust	All	4 Hrs	A	90,178,179,180		1,441.95
2	1028150	5.0-inch Exhaust c/w Air Compressor	All	4.5 Hrs	A	90,178,179,180		1,592.95

## EXHAUST BRAKES ACCESSORIES



### Exhaust Brake Air Compressor Kit

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1030122B	Air Compressor Kit	All		A			574.95

### Exhaust Brake Optional Manual Trans Rocker Switch Kits

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1030900	1989-1993 5/8" Shift Lever	Dodge	0.5 Hr	A			115.95
4	1030910	1994-1998 3/4" Shift Lever	Dodge	1 Hr	A			138.95
4	1030900	1999-2007 5/8" Shift Lever	Dodge	0.5 Hr	A			115.95
4	1030900	1989-1993 5/8" Shift Lever	Ford	0.5 Hr	A			115.95
4	1030910	1994-1998 3/4" Shift Lever	Ford	1 Hr	A			138.95
4	1030900	1999-2007 5/8" Shift Lever	Ford	0.5 Hr	A			115.95
4	1030900	1983-1993 5/8" Shift Lever	Chevy	0.5 Hr	A			115.95
4	1030910	1994-2007 3/4" Shift Lever	Chevy	1 Hr	A			138.95

### Exhaust Brake Optional Manual Trans Push/Pull Switch Kit

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1300210	1989-1993 5/8" Shift Lever	Dodge	0.5 Hr	A			77.95
4	1300240	1994-1998 3/4" Shift Lever	Dodge	0.5 Hr	A			77.95
4	1300210	1999-2007 5/8" Shift Lever	Dodge	0.5 Hr	A			77.95
4	1300210	1989-1993 5/8" Shift Lever	Ford	0.5 Hr	A			77.95
4	1300240	1994-1998 3/4" Shift Lever	Ford	0.5 Hr	A			77.95
4	1300210	1999-2007 5/8" Shift Lever	Ford	0.5 Hr	A			77.95
4	1300210	1983-1993 5/8" Shift Lever	Chevy	0.5 Hr	A			77.95
4	1300240	1994-2007 3/4" Shift Lever	Chevy	0.5 Hr	A			77.95

EMS (Emissions) Code: See table of contents page for more info

**Note 44:** Requires HP Tuner or EFI Live for 2007-2010 LMM engines

**Note 45:** We cannot guarantee compatibility with all aftermarket products that have a permanent connection to the OBDII plug inside of the cab. Older Edge Attitude displays have a known compatibility issue & the newer Edge CTS and CS are not compatible at this time. H&S Mini Max and Bully Dog 40428 are not compatible at this time.

**Note 60:** Typical factory exhaust size of 3.5" on 2001-2007 LB7/LLY/LBZ and 4.0" on 2007.5-2010 LMM. Confirm pipe size before ordering.

**Note 82:** 2006-up suggest installing 2001020/2001030 EXBrake instead

**Note 90:** Exhaust Back Pressure test gauge kit 1030050 suggested for the set-up of exhaust brakes

**Note 178:** Brake controls connect to throttle pedal with Accelerator Pedal Position Sensor (APPS). Vehicles without APPS will require 1300420 micro switch and custom bracket will have to be made.

**Note 179:** 4-inch ID brake valve is used with 5-inch exhaust adapters

**Note 180:** May not work with engines that have OEM Variable Vane (VGT) turbos such as Cummins ISX. Will work with aftermarket non-VGT turbos.

**Note 325:** Kit intended for vehicles with single alternator application.

# Exhaust Brakes

## EXHAUST BRAKES ACCESSORIES



### Exhaust Brake Controls

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1031300	Auto/PressureLoc 2003-2007 6.0L PowerStroke 5R110	Ford	2 Hrs	A	137		644.95
4	1030390	AutoLoc 1994-2005 5.9L	Dodge	2 Hrs	A			357.95
4	1030390	AutoLoc 1990-2003 7.3L	Ford	2 Hrs	A			357.95
4	1030390	AutoLoc 1992-2000 6.5LT	Chevy	2 Hrs	A			357.95
4	1030395	TorqLoc 1994-2005 5.9L	Dodge	2 Hrs	A			424.95
4	1030395	TorqLoc 1990-2003 7.3L	Ford	2 Hrs	A			424.95
4	1030395	TorqLoc 1992-2000 6.5LT	Chevy	2 Hrs	A			424.95
4	1030398	Torq/UnLoc 1994-2005 5.9L	Dodge	2 Hrs	A			424.95
4	1030398	Torq/UnLoc 1992-2000 6.5LT	Chevy	2 Hrs	A			424.95

# Throttle Controls

## HIGH IDLE KITS



### High-Idle Control Kits

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1036620	1998.5-2004 5.9L Cummins	Dodge	1.5 Hrs	A	47		318.95
4	1036621	2005-2006 5.9L	Dodge	1.5 Hrs	A			318.95
4	1036622	2007-2022 5.9L / 6.7L Cummins	Dodge	1.5 Hrs	A			305.95
4	1036622	2014-2018 & 2020-2022 3.0L ECO Diesel Ram 1500	Dodge	1.5 Hrs	A			305.95
4	1036609	2003-2004 6.0L F-Series Pick-ups Auto Trans	Ford	1 Hr	A			39.95
4	1036610	2005-2016 F250-F550 6.0L/6.4L/6.7L	Ford	1 Hr	A			92.95
4	1036612	2017-2022 F250 / F350 / F450 / F550 / F600 6.7L	Ford	0.5 Hr	A			115.95
4	1036613	2023 F250 / F350 / F450 / F550 / F600 6.7L	Ford	0.5 Hr	A			115.95
4	1036610	2016-2024 F650/F750 6.7L/6.8L/7.3L	Ford	1 Hr	A			92.95
4	1036600	2001-2004 LB7 Duramax	Chevy	1 Hr	A	79		42.95
4	1036605	2004-2006 LLY Duramax	Chevy	1 Hr	A			42.95
4	1036606	2006-2007 LBZ Duramax	Chevy	1 Hr	A			42.95
4	1036627	2008-2019 Duramax	Chevy	1.5 Hrs	A			318.95
4	1036622	2020-2022 Duramax	Chevy	1.5 Hrs	A			305.95

## TS BOOSTER



### TS Booster - Check out [tsb.bddiesel.com](http://tsb.bddiesel.com) for applications

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
2	1057735	TS Booster v2.0 - Chevy/GMC 2001-2005	TSB	0.5 Hr	A	67		277.95
1,2	1057931	TS Booster v3.0 - Dodge/Jeep	TSB	0.5 Hr	A	1372,1373		289.95
1,2	1057932	TS Booster V3.0 - Chevy / Dodge / Ford / GMC / Jeep	TSB	0.5 Hr	A	231,361,1373		289.95
1,2	1057934	TS Booster V3.0 - Ford	TSB	0.5 Hr	A	362		289.95

EMS (Emissions) Code: See table of contents page for more info

**Note 47:** 2003-2004 vehicles must have Bell Crank mounted APPS

**Note 67:** Optional Push Button Switch not available for this application

**Note 79:** Trucks equipped with cruise control only

**Note 137:** Included in 1027145AP & 1027146AP Exhaust Brake Kits

**Note 231:** For 2019 RAM 1500 DS body style use 1057732/1057832/1057932 & RAM 1500 DT body style use 1057738/1057838/1057938

**Note 361:** CARB EO No D-553-9 / D-553-12 / D-553-13 / D-553-15

**Note 362:** CARB EO No D-553-13

**Note 1372:** CARB EO No. D-553-9

**Note 1373:** SEMA Certification No. SC-BDD01-0010



# Throttle Controls



TS Booster - Check out [tsb.bddiesel.com](http://tsb.bddiesel.com) for applications (Continued)

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
1	1057937	TS Booster V3.0 - Chevy/GMC	TSB	0.5 Hr	A	222,367,1374		289.95
1,2	1057938	TS Booster V3.0 - Chevy / GMC / Dodge / Jeep / Fiat / Nissan	TSB	0.5 Hr	A	231,1372,1373		289.95
2	1057939	TS Booster V3.0 - Toyota	TSB	0.5 Hr	A			289.95
2	1057940	TS Booster V3.0 - Toyota / Subaru	TSB	0.5 Hr	A			289.95
2	1057941	TS Booster V3.0 - BMW	TSB	0.5 Hr	A			289.95
2	1057942	TS Booster V3.0 - VW / AUDI / PORSCHE	TSB	0.5 Hr	A			289.95

# Electronic Performance



Bully Dog Tuners

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
2	BUL40420	2003-2015 5.9L/6.7L RAM 2500/3500	Dodge		C	66		449.00
2	BUL40420	2003-2014 5.9L/6.7L RAM 4500/5500	Dodge		C	66		449.00
2	BUL42214	Unlock Cable 2013-up 6.7L	Dodge		C	66		50.00
2	BUL40420	1999-2015 PowerStroke F250/F350	Ford		C	66		449.00
2	BUL40420	1999-2006 7.3L/6.0L Excursion	Ford		C	66		449.00
2	BUL40420	2001-2015 Duramax Sierra/Silverado	Chevy		C	66		449.00
2	BUL40420	2006-2014 Duramax Express/Savana	Chevy		C	66		449.00
2	BUL40420	2006-2010 Duramax Kodiak/Topkick	Chevy		C	66		449.00
4	BUL40384	Sensor Station w/Pryo Probe	All	1 Hr	C			199.99

# Digital & Analog Gauge Kits



Back Pressure Gauges

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1030050	Back Pressure Test Gauge - 160psi	All	2.5 Hrs	A			80.95

EMS (Emissions) Code: See table of contents page for more info

- Note 66:** Unlock Cable part number BUL42214 is required for Dodge 2013-up 6.7L Cummins
- Note 222:** Will not fit 2019 Chevrolet/GMC 1500 models with new body style, old body style only
- Note 231:** For 2019 RAM 1500 DS body style use 1057732/1057832/1057932 & RAM 1500 DT body style use 1057738/1057838/1057938
- Note 367:** CARB EO No. D-553-16
- Note 1372:** CARB EO No. D-553-9
- Note 1373:** SEMA Certification No. SC-BDD01-0010
- Note 1374:** SEMA Certification No. SC-BDD01-0048

# Heavy Duty and Mid-Line Parts

## HEAVY DUTY TURBOS



### ISX Manifold & Turbo Upgrades - Pre-2002 Engines

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	1048008	Exhaust Manifold 3-PC T6 ISX	Cummins	3 Hrs	A			1,319.95
4	1048006	Exhaust Manifold 3-PC T6 ISX - Ceramic Coated	Cummins	3 Hrs	A			1,795.95
2	1048010	Install Kit - ISX Manifold - Turbo Conversion (USA)	Cummins		A			275.95
4	171702	Borg Warner S400SX4 Turbo - 75mm / 96mm / 1.32 A/R	All		C			1,279.95
2	171710	ISX Turbo S400 T6 - For BD 1048008 Manifold	Cummins		E			1,799.95
2	171700	ISX Turbo S400 T6 - For PDI Exhaust Manifold	Cummins		E			1,853.95
4	1045880	Turbo HE451VE Cummins ISX15 EPA10/13	Cummins	4.5 Hrs	E	349,350		6,175.00

### Roadmaster High Power Heavy Duty CAT Turbos - Pre-2002 Engines

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
3	1048030	3406E / C15 Non-ACERT / C16 S400 78/96 1.32 Non-WasteGated T6	CAT		E	268		1,799.95
2	175600-1HP	C15 550-800 Non-ACERT/ACERT S410SX 80/96 1.58 Non-WasteGated	CAT		C			2,101.96
2	175600-3HP	C15 550-800 Non-ACERT/ACERT S410SX 82/96 1.65 WasteGated	CAT		C			2,072.69

### CAT 3406E/C15 Exhaust Manifold

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
2	1048001	C15/3406E T6 Exhaust Manifold up to 2003	CAT	3 Hrs	A			1,319.95
4	1048002	C15/3406E T6 Exhaust Manifold up to 2003 - Ceramic Coated	CAT	3 Hrs	A			1,795.95

### Heavy Duty & Mid-Line Exchange Turbos

EMS	Part #	Description	Appl	Install	Code	Notes	Core	Map
4	172743	C12 K31 300HP-430HP	CAT		C			1,145.00
4	177148	C15 S410G 550HP	CAT		C	199,200		2,365.00
4	167050	855 HT3B 350HP	Cummins		C			849.95
4	172743	Series 60 500HP W-Gated B/W Replacement	Detroit		C			1,145.00
4	171702	Series 60 550HP Non-Waste Gated	Detroit		C			1,279.95
4	1048028	Performance S400SX4 Turbo - 75mm / 96mm / 1.32 A/R	All		C			779.43

EMS (Emissions) Code: See table of contents page for more info

**Note 199:** Replaces 704604-0007, 466445-0018, 471142-000, 137-4832, 167-9271, 196-5951, 124-3035, 145-4328

**Note 200:** Turbocharger for Caterpillar C15 (3406E) 14.6L Truck

**Note 268:** T6 mount exhaust manifold required

**Note 349:** Fits Cummins ISX15 CM2250 and CM2350. Verify fitment with your ESN.

**Note 350:** Replaces Holset part numbers 2882112 and 3796351



## BD Diesel Performance General Terms and Conditions October 1st, 2020

1. BD offers a 30-day satisfaction guarantee on the product it manufactures (not on re-distributed product). If for some reason the customer is unsatisfied with the BD product it may be returned for credit towards another BD product. This will be upheld through distribution as well, as the dealer/distributor will only receive credit on account. Electronic items that have been opened are not eligible for this guarantee. Other conditions are:
  1. All Returns must be made within 30 days unless classified under the once a year stock return (See below);
  2. Returns must be in original packaging, unopened and in a salable condition (this is determined by BD);
  3. All Returns must have RMA#;
  4. Parts that have been installed or attempted to be installed cannot be returned;
  5. Open packaged items will be charged a 20% restocking fee along with price of parts missing;
  6. Open packaged electronic items are not returnable (i.e. Tuners, FICMS, Modules...);
  7. Refunds are made in the same manner in which you made payment: credit to your charge card or refund check if you paid by check. If you have an account, refunds will be posted to account only;
  8. BD does not pay return freight; in the case products is returned freight collect, the freight charge will be deducted from the return amount;
  9. If you feel the part is defective, or is damaged in shipping or other than what you ordered you must contact BD Customer Service for an RMA;
  10. Special Order or Obsolete product is not eligible for return
  11. For distributed product (Non BD manufactured product), all technical assistance and warranty must go through the original manufacturer;
  12. Original invoice (proof of purchase) must be provided for goods returning. There may be a charge for BD to search for original invoices.
2. Products manufactured or distributed by BD Diesel Performance, BD Engine Brake Inc. or Valley Fuel Injection Ltd. are guaranteed for terms set out in the warranty statement supplied with each. All warranties are limited to the original purchaser only and bill of sale is proof of warranty start date. Product purchased from Amazon, E-bay, and non-approved dealer or retailer, on the Do-Not-Sell list or is not an authorized installer voids warranty. BD reserves the right to resolve a warranty claim by either product repair or replacement.
3. RMA (Return Material Authorization) claim number must be obtained before any product is returned to BD for warranty consideration.
4. The following information is required to obtain a RMA number before returning product or submitting paperwork:
  1. Copy of original invoice to end use customer and distribution outlet showing purchase of product and date of sale;
  2. Serial number or date code of product if applicable;
  3. Vehicle information such as make, model, mileage, drive train, current horsepower rating, etc.;
  4. Full description of complaint and what has been done so far;
  5. Copies (if applicable) of any invoice for replacement product, related parts required for job (i.e. transmission fluids, service parts), work order or invoice for labor incurred;
  6. Dyno report for any horsepower restricted products;
5. RMA and product Serial number or date code number must be on all paperwork and correspondence. Failure to obtain the required information or paperwork will result in delay or denial of any warranty claim.

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6. Serial Numbers must be recorded on the original sales invoice. If not recorded, BD will determine the date-in-service as the date that serial number left the BD warehouse.
7. Other Expenses such as towing, lodging, food, communication, taxes, levies, fines, freight or any other such inconvenience expense are the sole responsibility of the original purchaser.
8. Misapplication - BD is not responsible for any expenses such as parts or labor for the replacement of any product that has been installed for the incorrect application. Any standard transmission clutch installed in the wrong application such as mismatched horsepower, torque, towing or other such ratings will have the warranty voided on product.
9. Freight damaged items must be reported to the courier upon receipt.
10. CORES:
  1. All cores returned must be LIKE FOR LIKE, matching application and year.
  2. Cores must be from a running engine and not assembled from scrap parts.
  3. Cores that have been disassembled or have missing and/or damaged major components will not receive full core credit or denied.
  4. Damage to the core due to contamination, mishandling and/or any condition beyond normal wear will have surcharges deducted from credit or denied.
  5. Cores to be returned must be processed through web portal at [cores.bddiesel.com](http://cores.bddiesel.com) and all procedures to be followed.
  6. Unless product has been indicated as being in the free core return freight program, any Collect or COD freight costs will be deducted from core credit amounts plus possible administration fee.
  7. BD shipping department can help determine the best carrier and correct warehouse location for returns as brokerage or other charges incurred from shipping to an incorrect warehouse will be deducted plus administration fee.
  8. Core must be returned in the original box the exchange product was shipped in. Transmission cores must be complete and in the original shipping container. All brackets supplied with the original exchange product must accompany the core.
  9. All cores must be sufficiently drained of fluids to prevent external leakage or container damage. FREIGHT CARRIERS WILL NOT ACCEPT LEAKY PARCELS. Any core return shipment that does not meet these requirements, is received damaged, and/or is tagged as an environment hazard (IE: fluid left in cores) will be refused or the core security charge credit will be penalized.
  10. Core security charge will only be refunded if core is returned within 30-days of product being put into service/ installation, 90-days after end user purchase, and/or, 18-months after dealer/distributor purchase. After which, market value of the core may be offered if core is needed by BD.
  11. If the product has been purchased elsewhere from BD, the core security charge credit may be issued from the original purchaser.
11. BD has the right to cancel any order due to any error(s) of any type (i.e. price, description, picture, etc.). Any payments made on any canceled order due to errors will be refunded and no extra compensation will be given for such to any parties involved. All prices are subject to change without notice.
12. Pictures and descriptions may not exactly represent product or applicable to all vehicle applications, and, should be considered as reference only.



13. Prop 65: All BD parts that leave our plant will have a label with the California Prop 65 declaration "WARNING Cancer and Reproductive Harm [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)". BD is not responsible for any alteration or removal of the label once it leaves our facilities.
14. CARB Info and restricted parts: Parts that BD classifies as a stock replacement will be marked with a "1" in the CARB Info column in the released price lists and load sheets. Products with CARB executive order numbers will have the EO number in the same column. Products that surpass the classification of stock replacement and do not have an EO number will have "2" in the column. Products that are not allowed to be released into the USA will have "9" in the column.
20. Conditions are subject to change at any time.