

PN - 99-EK-A16858

***Harrop TVS2650 LS3 Port Supercharger
Kit***



ENGINEERING PERFORMANCE SINCE 1955

Tech Guide

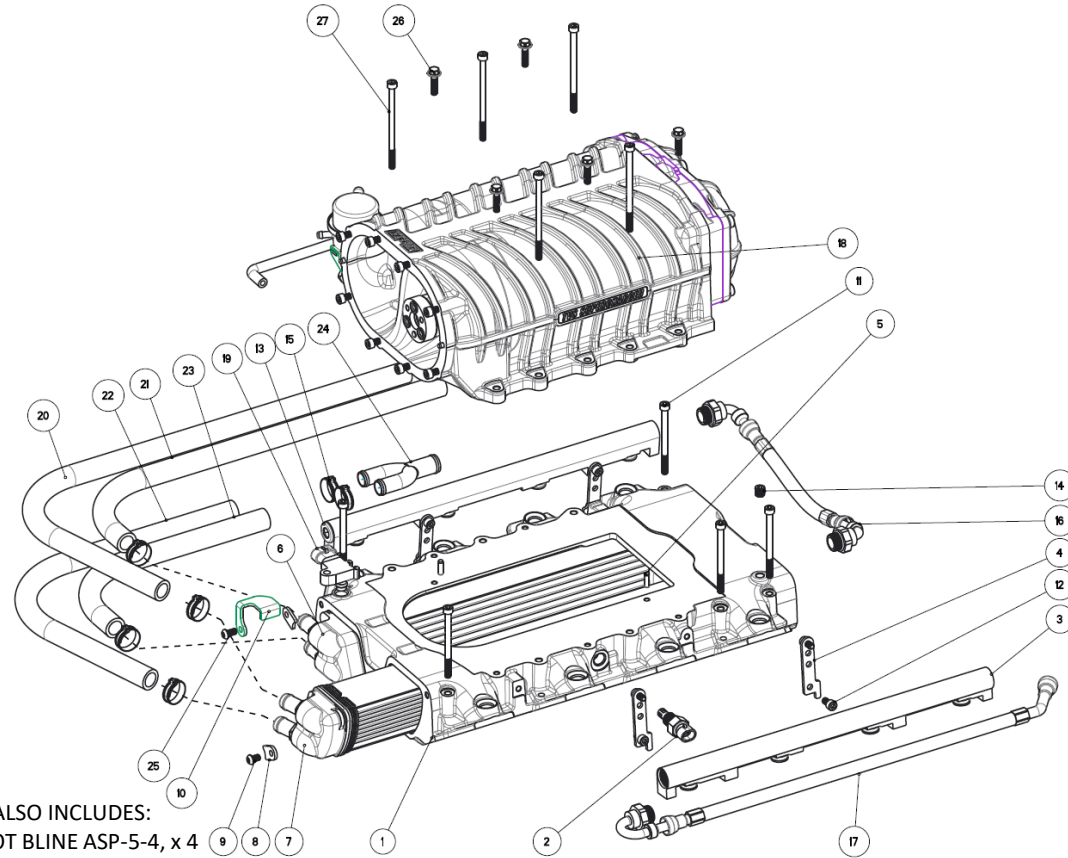
LS3 Universal Supercharger kit TVS2650MK2



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Harrop TVS2650 LS3 Port Supercharger Kit

ITEM		DESCRIPTION	QTY
1	PART	MANIFOLD, SUPERCHARGER, HTV2300, FDFI, L-76	1
2	PART	SENSOR, TEMPERATURE, 25037388, GM	1
3	PART	RAIL, FUEL, SUPERCHARGER, FDFI, L76	2
4	PART	MOUNT, RAIL, FUEL, SUPERCHARGER, FDFI, L76	4
5	PART	DOWEL, PIN, Ø5.0 x 16 LONG	2
6	ASSEMBLY	CORE, INTERCOOLER (6MM FIN, 2MM TUBE), LH, FDFI, L76	1
7	ASSEMBLY	CORE, INTERCOOLER (6MM FIN, 2MM TUBE), RH, FDFI, L76	1
8	PART	RETAINER, INTERCOOLER, FDFI, L76	2
9	PART	SCREW, CAP, BUTTON HEAD, M6 x 10, ZINC PLATED	1
10	PART	RETAINER, MAP, FDFI, 2-7 BAR, FRONT MOUNT	1
11	PART	SCREW, SOCKET HEAD CAP, M6 x 80, ZINC PLATED	5
12	PART	SCREW, SOCKET HEAD CAP, M6 x 12, ZINC PLATED	8
13	PART	PLUG, 3/4 16, SPEEDFLOW, 814-8	1
14	PART	PLUG, PRESSURE, 1/8 BSPT, ZINC PLATED	1
15	PART	CLAMP, COBRA, FUEL INJECTION, 22mm, NORMA, 65-COBRA-22/8-W4	6
16	ASSEMBLY	HOSE, CROSSOVER, PL-HRP98-I	1
17	ASSEMBLY	HOSE, FUEL, GM	1
18	ASSEMBLY	SUPERCHARGER, HTV2650, FDFI, LUG-MNT, VERTICAL ACT CW, NO INLET	1
19	PART	SENSOR, MAP, 2.7-BAR, GM 12592525	1
20	PART	HOSE, INTERCOOLER, 5/8", 650 LONG	1
21	PART	HOSE, INTERCOOLER, 5/8", 540 LONG	1
22	PART	HOSE, INTERCOOLER, 5/8", 430 LONG	1
23	PART	HOSE, INTERCOOLER, 5/8", 300 LONG	1
24	ASSEMBLY	FITTING, Y, 16, TO, 19	1
25	PART	SCREW, BUTTON HEAD CAP, M6x12, GEOMET500A	1
26	PART	BOLT, FLANGED HEAD, M6 x 25, GEOMET500A	5
27	PART	SCREW, SOCKET HEAD CAP, M6 x 100, GEOMET500A	5



KIT ALSO INCLUDES:

RIVOT BLINE ASP-5-4, x 4
HARROP ENHANCED BADGE, x 1
SUPERCHARGER PINNING KIT, x 1
M8 x 25 BUTTON HEAD CAP SCREWS, ZINC, x 11
INSTALL WARRANTY GUIDE (BUSINESS CARD), x 1
#10124 LOOM PATCH MAF & REMOTE TEMP SENSOR VE, x 1
#10922 MOUNT IDLER FRONT ASSEMBLY 6PK FDFI S/C L98/LS3
#11510 COVER VALLEY LS3 FDFI
#12526 GASKET INSULATOR MANIFOLD S/CHARGER

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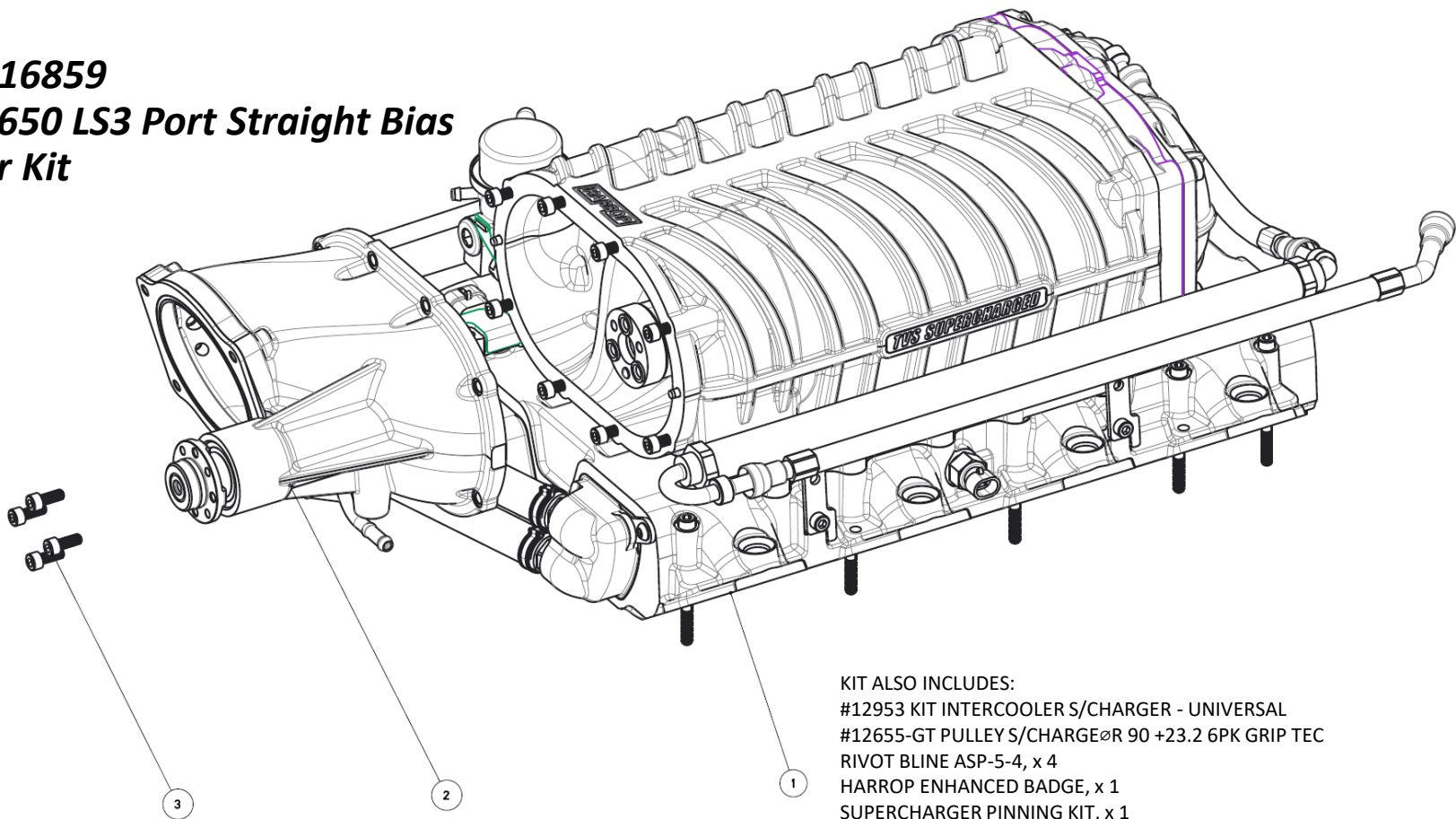
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LS3 Universal Supercharger kit TVS2650MK2



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Harrop TVS2650 LS3 Port Straight Bias
Supercharger Kit



ITEM		DESCRIPTION	QTY
1	ASSEMBLY	MANIFOLD, S/CHARGER ASSY, TVS2650-Mk2, LS3-MAX ENG KIT EXCL CVR	1
2	ASSEMBLY	COVER, INLET, FDFI, HTV2650, LS3	1
3	PART	SCREW, SOCKET HEAD CAP, M6 x 16, TUFLOC 360, GEOMET500A	4

KIT ALSO INCLUDES:
#12953 KIT INTERCOOLER S/CHARGER - UNIVERSAL
#12655-GT PULLEY S/CHARGEØR 90 +23.2 6PK GRIP TEC
RIVOT BLINE ASP-5-4, x 4
HARROP ENHANCED BADGE, x 1
SUPERCHARGER PINNING KIT, x 1
M8 x 25 BUTTON HEAD CAP SCREWS, ZINC, x 11
INSTALL WARRANTY GUIDE (BUSINESS CARD), x 1
#10124 LOOM PATCH MAF & REMOTE TEMP SENSOR VE, x 1
#10922 MOUNT IDLER FRONT ASSEMBLY 6PK FDFI S/C L98/LS3
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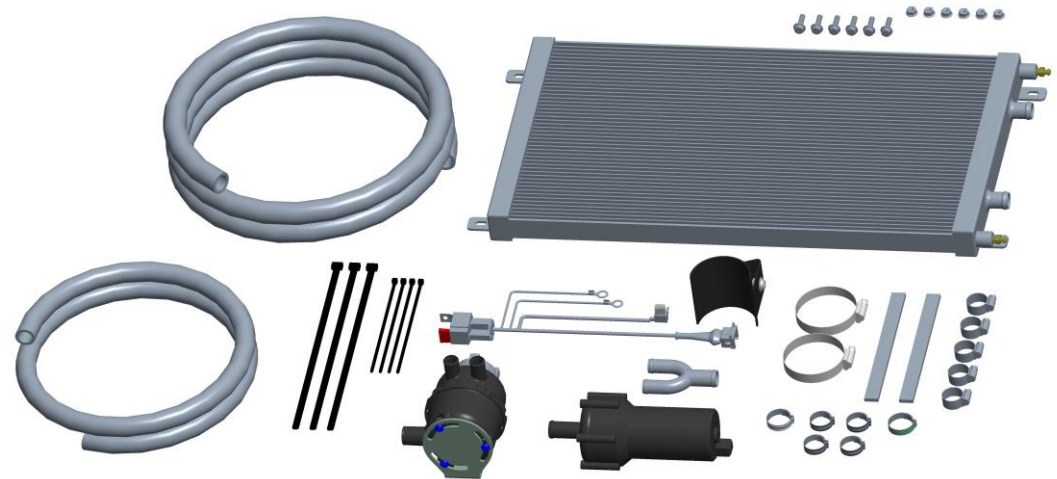
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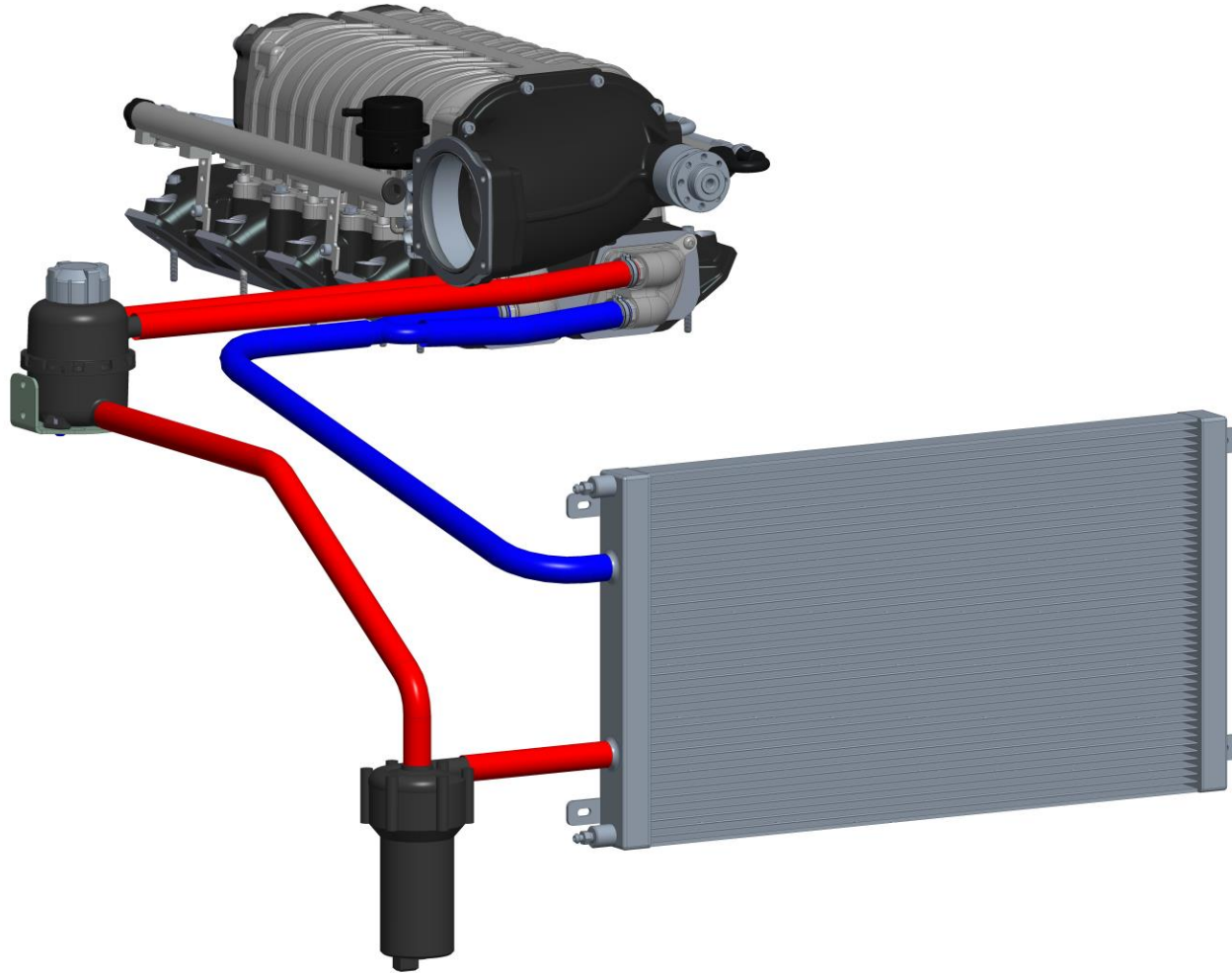
Installation Kit – A12953

ITEM	DESCRIPTION	QTY
1	BOLT, FLANGED HEAD, M6 x 20, GEOMET500A	6
2	CLAMP, COBRA, FUEL INJECTION, 22mm, NORMA, 65-COBRA-22/8-W4	4
3	CLAMP, COBRA, FUEL INJECTION, 25mm, NORMA, 65-COBRA-25/8-W4	1
4	CLAMP, COBRA, FUEL INJECTION, 26mm, NORMA, 65-COBRA-26/8-W4	1
5	CLAMP, HOSE, 16-24mm, STAINLESS STEEL, #10	5
6	CLAMP, HOSE, 46-70mm, STAINLESS STEEL, 12mm BAND	2
7	FITTING, Y, 16, TO, 19	1
8	HOSE, HEATER, 3/4", 4000 LONG	1
9	HOSE, HEATER, 5/8", 1600 LONG	1
10	LOOM, PUMP, INTERCOOLER, LSI, VT-VZ	1
11	MOUNT, PUMP, INTERCOOLER, FT86	1
12	NEOPRENE, SPONGE, RUBBER, 16 x 4.5 x 180 (44-NSR)	2
13	NUT, FLANGED, M6 x 1 HEX, GEOMET500A	6
14	PUMP, INTERCOOLER, BOSCH 0 392 022 002 (M850IL54)	1
15	RADIATOR, INTERCOOLER, 560mm x 305mm x 40mm	1
16	RESERVOIR INTERCOOLER, UNIVERSAL	1
17	TIE, CABLE, 150x3.2mm, BLACK	4
18	TIE, CABLE, 380x7.6mm, BLACK	3



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Harrop Universal Intercooler Kit

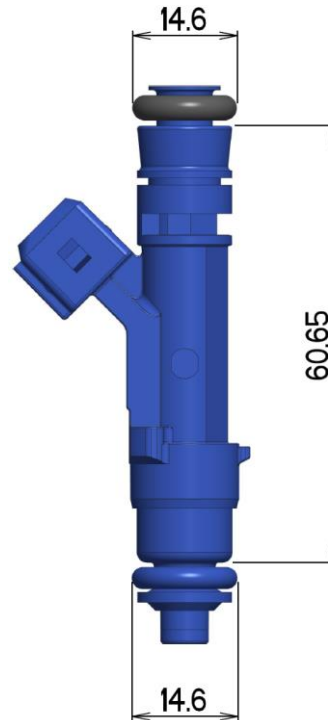


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Fuel System

- Manifold assembly will accept EV14 Long body injectors with 14.6mm o-ring's both ends such as DeatschWerks 18U-00-0060-8.
- Fuel hoses included to connect to GM quick connect. Rail fitting size is -8 ORB both ends.

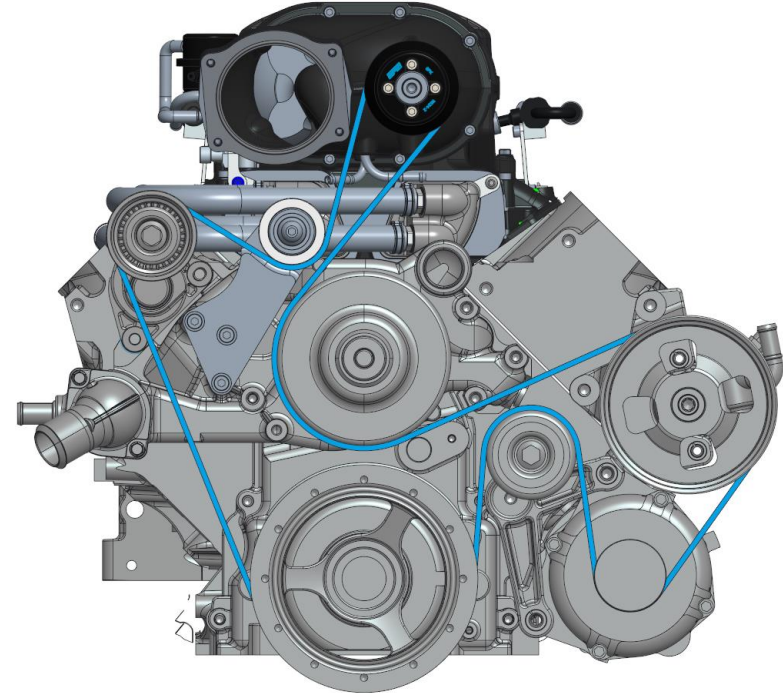


Accessory Drive

Supercharger Pulley

LS 6PK	Diameter	Supercharger pulley	Belt with PS	Belt w/o PS
	95mm	99-PLY12901-GT	6PK2515	6PK2415
	90mm	99-PLY12655-GT	6PK2510	6PK2415
	85mm	99-PLY11622-GT	6PK2510	6PK2415
	80mm	99-PLY11623-GT	6PK2490	6PK2400
	75mm	99-PLY11624-GT	6PK2490	6PK2875
	70mm	99-PLY11625-GT	6PK2465	6PK2375
	65mm	99-PLY13099-GT	6PK2465	6PK2375

Belt Routing



- 6PK Drive System will have limitations at higher supercharger speeds. This drive system is intended for lower boost applications.