

2017 G/DT Action Plan - Truck # 672



Improvement Priority: **PHASE 1** | Owner: Steve Menendez | Date: April 13, 2017

Set New G/DT record at SpeedWeek 2017 (August 12-18, 2017)

Team: Darrell Hake, Steve Menendez, Ken King, Terry Schriver | Next Review:

Factors to Consider: Current record is 129.665 mph, set August 2001, by Dodge D50 truck and VW AAZ engine. Estimated HP of the OM604 engine is as-delivered condition is 300 HP - Estimated speed = 160 mph.

Target(s) to Improve: Install engine, transmission, and related components in accordance with SCTA rules
Establish new record at 2017 Speed Week.

Action Step/ Kaizen Events	Owner	Assist	Planned Dates	16	16	17	17	17	17	17	17	17	17	17	17	17	Cost Estimate	Actual Cost	NOTES
				N	D	J	F	M	A	M	J	J	A	S	O				
ENGINE Install									X									\$370	Import duties & brokerage fees
Test fit engine & trans	Steve	D&T	11/21/2016	X													40.00	40	Harbor Freight engine tilter
Cut firewall for header & turbo	Steve	D&T			X														
cut Pass side frame rail	Steve	D&T			X														
fabricate brackets							X	X	X								50.00		"Donut", V-bands, J-tubes for wastegate.
fabricate exhaust & wastegate									X								70.00		
starter install / Modification							X	X									120.00	120	BMW M-20 basis, then MB 603
New flywheel / crank bolts						X											500.00	870	Flywheel ordered from Luke Dale @ DPUK
Core support re-work							X		X								100.00		
fabricate new firewall										X							50.00		
Water neck re-work									X								50.00		
TRANSMISSION									X										
Work out shifter linkage									X										
Purchase shifter / cables									X								120.00		
Purchase new Throwout Brg									X										
Measure & Buy CV axles									X								1000.00	850	The Driveshaft Shop (14-3/16 Driver's side.
Fabricate Scattershield									X										Have 18" OD, 1/4" wall tubing and 16" OD, .250 wall tubing in stock at Edge.
Instrumentation																			
New dash?										X									
Sensors for all features									X								200.00		
Cooling system									X										
Purchase Radiator										X							400.00	326	Griffin 58271-XS from Summit
Purchase electric Water pump										X							250.00		Davies Craig EWP 150
Plumb & install components										X									
Intercooler System																			
Turbo system / Intercooler										X							250.00		CX RACING AWIC02, Rule 2000 pump
Replace																			
Fuel system															X				
Supply pump																	160.00		Bosch 044
supply line																	100.00		Braided -6 hose
Return line																	0.00		Existing 5/16 hose
Regulator																	75.00		
Suspension/steering/brakes									X										
Install manual rack								X											
new brakes all around																	200.00		
Front-end bump stops								X									20.00		Check PRI photos for vendor (Right Foot Performance Products, INC)

