

KEN GRODY FORD

SO-CAL PERFORMANCE DEALER

Phone: 714-521-3305
6211 Beach Blvd.
Buena Park, CA 90621
www.kengrodyford.com

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Huntington Beach Propane 18961 Gothard St Huntington Beach, CA 92648 Phone (H): Phone (W): Phone (C): (714) 375-5701 Phone Oth: Email no email		A/R Number: Customer Number: 1166042 PO Number: Auth Number: Service Writer: Brett Johnson Terms & Conditions: Type of Sale: Retail	Invoice Number 581828 Printed: AUG 28 25 10:27 AM Copy # 1 Date Opened: 02/25/25 Date Notified: 03/05/25 Date Delivered: 04/08/25
Year/Make/Model: 2022 Ford F650		Customer Signature	
VIN: 1FDWW6DE9 NDF00400			
License Number: 38550H3	Color: White		
Stock Number: #9	Mileage In: 104242		
Tag Number: 360#	Mileage Out: 104305		

Original Estl.	Original Est. Date	Incr. Amt	New Amt	Date	Time	Person Cont.	How Cont.	Phone	Cont. By
\$ 5000.00	02/25/25								

Description	QtyOrd	Qty Del	Price	Ext Total	Grand Total
1. Vehicle Concern					
Customer States Vehicle shut off and will not restart, cranks but will not turn over					
1 - Cause/Action to Take					
ENGINEHRS 4371 IDLEHRS 1759 CAUSE PERFORMED DIAG USED					
FDRS PULLED CODES FOUND P2291P0088 P0087 P0181 P0300					
P0303 P0306 PERFORMED VISUAL INSPECTION FOUND					
EVERYTHING NORMAL ALL CONNECTION IN PLACE AT THIS					
POINT RAN OASIS FOUND TSB 21-2309 ATTEMPTED TO					
PERFORMED RE CALIBRATION PCM FOUND NO UP DATES NO					
SSM TO THIS TYPE OF CONCERN CONTINUE TO RUN OASIS					
FOUND THAT THERE WAS A HIGH PRESSURE SYSTEM AT FAULT					
NEXT SUD JESTED WOULD BE TO CONTINUE WITH PIN POINT					
TEST M I HAD ALL READY PERFORMED GSB 0000160 FOR					
POSSIBLE CONTAMINATED FUEL SYSTEM SO I FOLLOW PIN					
POINT TEST M ONCE I TESTED FUEL SAMPLE WITH A BLACK CAP					
SAW PARTICLES OF METAL TESTED FUEL WITH STYROFOAM					
CUP PASS FUEL SUSTAIN IN CUP TEST PASS PROCEEDED PIN					
POINT TEST M-1 CHECK FOR CODES KOEO FOUND P0087 P0088					
P0093 P008A MOVE TO PIN POINT TEST M-3 CHECK THE VPWR					
VOLTS YES UNDER 15 VOLTS ACTUAL VOLTS 12.7 VOLTS MOVE					
TO M-4 CHECK THE LOW PRESSURE FUEL SYSTEM LP FUEL					
SWITCH HAS 56 PSI MOVE TO M-5 CHECK FOR SUFFICIENT					
CLEAN FUEL TEST FOUND FUEL TO BE CLEAN USED BLACK CAP					
FOUND METAL IN FUEL BUT TESTED IN STYROFOAM CUP AND					
PASS FUEL CLEAN M-6 RELATIVE COMPRESSION TEST PASS					
BUT CYLINDER 5 WOULD BE LOW POSSIBLE WASH OUT					
CYLINDER MOVE TO M-7 MONITOR ALL FUEL FOUND BNK 2 OUT					
OF RANGE WILL NEED TO REPLACE 4 INJECOTRS AND HIGH					
PRESSURE PUMP AND RETEST					
1 - Correction/Action Taken					
CORRECTON PERFORMED REPAIR REMOVE AND REPLACE					
HIGHT PRESSURE PUMP ONC REPLACE HPP PUMP REPLACE					
BANK 2 SIDE INJECOTRS DUE TO FUEL TRIM OUT OF ORDER AND					
DROP FEL TANK TO CLEAN ALL METAL IKN FUEL TANK FLUSH					
LINES AND REPLACE FUEL FILTERS PROCEEDED TP START					
VEHICLE GOING TO PRESSURE TO ATTEND VEHICLE BUT WITH A					
	7083				0.00

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\$ 5000.00	02/25/25								

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HARD MISS FIRE ALLOW ENGNIE TO WARM UP TO SEE IF PISTON RING WOULD EXPAND AND RESEAL ENGINE ONCE WARM UP ENGE ROADTESTED RUN OKAY BUT MISS FIRE CONCERNN					
Part Number	Description				
LC3Z9A543A	1	1			
FC4Z9G282A	1	1			
HC4Z9N184B	1	1			
HC3Z2A572A	1	1			
FC4Z9N103A	1	1			
LC3Z6A785C	1	1			
LC3Z9H529B	1	1			
LC3Z9H529B	1	1			
LC3Z9H529A	2	2			
Sub Total Parts					Warranty
SubTotal Job # 1					Warranty
2. Vehicle Concern					
PERFORM MULTI POINT INSPECTIONS					
1 -- Cause/Action to Take					
99P - MAINTENANCE					
1 -- Correction/Action Taken					
PERFORMED MULTI POINT INSPECTION.					
Sub Total Parts			7083		0.00
				Internal Work	
3. Vehicle Concern					
PERFORM VEHICLE'S TIRE PRESSURE CHECK.					
TP -					
1 -- Correction/Action Taken					
YOUR VEHICLE'S TIRE PRESSURE IS AS FOLLOWS					
RF					
LF					
RR					
LR					
Sub Total Parts					0.00
				Internal Work	
4. Vehicle Concern					
					
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TIRE DOT CODES 1 - Cause/Action to Take DOT CODE - LF = RF = LR = RF = SPARE TIRE (IF APPLICABLE) = 1 - Correction/Action Taken VISUAL INSPECTION OF TIRE DOT CODES AND ADVISE CUSTOMER ON THE CONDITION OF THE TIRES AND TREAD DEPTH.					0.00
<u>Sub Total Parts</u>					<u>Internal Work</u>

5. Vehicle Concern Customer States TOW 1 - Correction/Action Taken <u>Sublet</u> C6971 PO#357459BF MOVED TO 584077					0.00
<u>Sub Total Parts</u>					0.00
SubTotal Job # 5					0.00

6. Vehicle Concern Customer States CONSEQUENTIALED DAMAGE DUE TO FUEL INJECORTR CONCERN 1 - Cause/Action to Take ENGINE HRS 4371 IDLE HRS 1759 CONCERN FOUND ENGINE MAKING KNOCKING NOISE. RAND CODES FOUND P0305 RAN OASIS CHECKED FOR TSB AND SSM NONE APPLY CHECKED OIL AND COOLANT LEVEL OK PERFORMED VISUAL INSPECTION FOR ANY OBVIOUS MECHANICAL DAMAGE NONE AT THIS TIME PERFORMED EEC TEST NO CODES REFER TO PC/ED SYMPTOM CHART, CHART 6 CHECKED FOR EXHAUST RESTRICTION NONE FOUND CHECKED FUEL QUALITY OK CHECK FUEL PRESSURE 60PSI CHECK OIL BASE PRESSURE 45PSI AT IDLE REMOVE OIL OIL FROM OIL PAN AND CHECK FUEL PRESSURE FROM OIL PAN					
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DAVID HUNTER, KEN GRODY FORD, 6211 BEACH BLVD, BUENA PARK, CA 90621, 714-521-3305, www.kengrodyford.com

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<p>PERFORMED POWER BALANCE TEST FOUND AND NUMBER 5 CYLINDER DOWNS WHEN IDLING CYLINDER INJECTOR DISABLE KNOCKING NOISE IS QUIETER RESET FUEL SYSTEM PARAMETERS NO CHANGE AT THIS TIME USED CHASSIS EARS TO IDENTIFY KNOCK NOISE COMING FROM BOTTOM END OF ENGINE PERFORMED RELATIVE COMPRESSION TEST FOUND CYLINDER5 DOWN 12% COMPRESSION NEEDED TO TEAR DOWN ENGINE FOR ROOT CAUSE OF CUSTOMER CONCERN GOT APPROVAL FROM CUSTOMER REFER TO WSM 303 03 FOR ENGINE REPAIRS REMOVED CAB REMOVED CYLINDER HEADS DISASSEMBLED ENGINE FOUND SCORING ON CYLINDER WALL OF CYLINDER 5 CAUSING KNOCKING NOISE MEASURED PISTON TO CYLINDER WALL CLEARANCE FOUND OUT OF SPECIFICATIONS AT .005 INCHES UNABLE TO SERVICE OR REPAIR CYLINDER CHECKED BOTH CYLINDER HEAD FOR FLATNESS .010 FOUND LEAKING VALVE TESTED WITH WATER FUEL INJECTOR IS FOUND ROOT CAUSE OF SCORING CAUSED BY #5 INJECTOR OVER FUELING RECOMMENDED TO REPLACE LONG BLOCK AND #5INJECTOR PROCEEDED WITH COST CAP 202502106370 GRANTED LONG BLOCK REOLACEMENT</p> <p>1 - Correction/Action Taken</p> <p>CORRECTION PEROFMED REPAIR ONCE REMOVE ALL COMPONENTS FRON=M OLD ENGINE REASSEMBLE REBUILT LONG BLOCK SWAPMALL CONPONENETS TO LONG BLOCK REINSTALLED TO VEHICLE RESECURE ALL B[NEW BOLTS ASPOPER ONE TIME USED PARTS ONCE REPLACE BLEED COOLING SYSYE,M AND FUEL SYSYTEM STARTED VEHICKLE REASSELBLE ALL AFTER MARKET LIGHTING AND STATED VEJCIEL CLEAR CODES RESET PARAMETERS AND CONTINUE WITH ROAD TESTED FIX CUST CONCERN AFTER REPAIR REMASSEMBLE OLD ENINGE BACK TO RESET BACK INBOX FORSHIPMENT BACK TO REBUILDER</p>	7082				0.00
<p>Part Number VC13DLG</p> <p>Description ANTI FREEZE</p>	6	6			



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MU2Z6731C KIT ELEMENT ...	1	1			
XO10W305Q3SD 5-QT 10W30 DIÖ	3	3			
LC4Z6006D SERVICE ENGINE ASY	1	1			
LC3Z6079E KIT GASKET	1	1			
BC3Z6379C BOLT HEX HEAD	14	14			
W714165S439 BOLT	1	1			
W714989S439 BOLT	12	12			
W715607S439 BOLT	1	1			
W500214S439 SCREW	2	2			
W716511S437 BOLT	1	1			
FC3Z00812AA BOLT	8	8			
W712861S439 BOLT	4	4			
W712861S439 BOLT	4	4			
FT4Z6N652D GASKET	1	1			
HL3Z6N652A GASKET	1	1			
Sub Total Parts					Warranty
SubTotal Job # 6					Warranty

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SIGN UP FOR FORD PASS TODAY AND START RECEIVING REWARD POINTS ON EVERY DOLLAR YOU SPEND. ASK SERVICE ADVISORS FOR FURTHER DETAILS.			Total Labor	0.00
			Total Parts	0.00
			Total Sublet	0.00
			Misc. Chrgs	0.00
			Car Rental	0.00
			Freight	0.00
			Deductible	0.00
			Special Tax	0.00
			Haz Mat Chrg	0.00
			Sales Tax	0.00
			DEPOSIT	0.00
			AMOUNT DUE	0.00

INVOICE MUST BE PAID IN FULL BEFORE VEHICLE IS RELEASED.
STORAGE FEES WILL ACCURE DAILY AFTER THE 14TH DAY AFTER NOTICE THAT THE VEHICLE IS READY FOR PICK UP. PARTS MUST BE PRE-PAID IF CLIENT IS NOT LEAVING VEHICLE.
CANCELLATION OF PARTS WILL BE SUBJECTED TO A RESTOCKING FEE OF 20% OF THE RETAIL PRICE.

B.A.R. REG # 042846
E.P.A. # 027946862



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