ACN: 073 690 990 ABN: 47 073 690 990
RTA Number: AU27805

Penske Australia Pty Ltd
17 Commercial Avenue
Paget QLD 4740
Phone 07 4952 8500
Fax 07 4952 1314
Web: www.penske.com.au
Office | Parts | Service:
8:00am - 5:00pm, Monday to Friday

Service Tax Invoice Page 1 of 3 *Reprint# 2* Invoice No: **DYCSY11069**

Invoice Date 27/04/22				Advisor Glenn Hoffman 001653	RO Open Date
Due Date				Model Description 09/DETROIT DIESEL/DETROIT S60 ON HWY ENG	
Payment Terms 30				Model Code 6067HK62	RO Close Date
Customer No. 106136				Unit Serial No. 06R0646305	Repair Order Number
Reg/Fleet No. 62KJA	Equipment Make DE	Equipment Serial No 6F50000001A422032	Unit Model 60 SERIES	Purchase Order No. 62KJA	Kilometres / Hours 895707
Customer Contact Darrell		Contact Mobile 0429 485 909	Warranty Start Date	Warranty End Date	

Labour	*Operation*	*Description*	*QTYS*	*Amount*
Job#1	**03DES60012015**		0.00	No
		TEST AIR COMPRESSOR FOR PASSING OIL		
		TEST AIR COMPRESSOR FOR PASSING OIL		
		CAUSE: Compressor Internal Failure		
		CORRECTION:		
		- Jump start Truck to move into Workshop		
		- Lifted cab, inspected engine and found compressor intake hose to have perished and blown apart, exposed to open air		
		- Inspected turbo compressor wheel and intake manifold for dusting, all seems ok		
		- Suspect failed compressor		
		- Drained coolant		
		- Removed intake manifold		
		- Removed fuel pump from compressor		
		- Removed oil and coolant lines		
		- Removed compressor, clean mounting surfaces		
		- Reassembled with new compressor and gaskets, filled coolant, checked oil level, replaced failed intake hose		
		- Started engine and inspected for correct operation of compressor		
		- Found blow-by is now minimal compared to before repairs		
		- Degreased and washed engine bay		
		- Drained air supply tanks of oil and water		
		- Inspected air leak		
		- Found leak from air bag supply hose end, tightened up hose clamp, fixed leak		
		- Test drive Truck, inspected for any oil leaks - All ok		
	R23522123	REMAN AIR COMPRESSOR	1	1382.83
	C23522123	CORE FOR R23522123	1	606.05
	8929299	AIR COMPRESSOR MT GASKET	1	15.68
	23513683	O C ADAPT	1	14.84
		<<< Total For Job 1 >>>		**2019.40**
Job#2	**01DEZZZZZZ001**		60.00	8220.00
		ENGINE REPAIR		
		INTERNAL ENGINE FAILURE		
		CAUSE: Engine Block Cracked		
		INTERNAL ENGINE FAILURE		
		DIAGNOSIS OF ENGINE FAILURE:		
		- Isolated Truck for safe working		
		- Tilt cab, drain fluids, remove intake and boost hose pipe work		
		- Strip engine down to pull cylinder head off, lift cylinder head		

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Reg/Fleet No.	Equipment Make	Equipment Serial No	Unit Model	Purchase Order No.	Kilometres / Hours
62KJA	DE	6F50000001A422032	60 SERIES	62KJA	895707

- Inspect components, finding a blown head gasket and a cracked engine block between cylinders two and three
- Assemble engine back together and prep for engine removal

ENGINE INSTALLATION:

- Isolate Truck for safe working
- Spec up new engine, fit clutch, marry up gearbox to engine, prep engine bay by removing old mounts and replacing with new, prep harnessing, sling engine and gearbox assembly, lift into Truck, bolt assembly down, run harnessing repair wiring in harnessing
- Re-routed harnessing to minimise rub throughs, fit all components to gearbox, renew uni joints in driveshaft and fit driveshaft to Truck
- Remove primary fuel filter and blank, remove water separator filter module, connect fuel lines to engine, connect airlines to compressor and governor valve, eliminate rubbing of lines by making brackets to support lines
- Fit PS pump to engine, fit belts and get correct tension, fit fan, fit a/c compressor and tension belt, connect radiator to engine and tension, connect wiring and hoses to engine, renew coolant piping (customer request)
- Support all hoses, harnessing and brackets on radiator to prevent rub throughs, renew air filters and fit air intake stacks and pipe work, fit exhaust stacks and pipe work, renew fuel pro filter and clean out bowl, top up gearbox oil after fitting cooler lines
- Fill engine with oil and coolant, prime fuel system, hook up laptop, start and run engine, check over, adjust clutch, test operation, wash Truck
- Reset calibrations and test drive, check over
- Put Truck back into service

63062RS2C3SKF	PILOT BEARING	1	33.01
M281X	KIT UNI JOINT 1810 FULL ROUND	2	167.76
23516100	GASKET	1	6.85
23521528	FUEL PRO ELEMENT FOR NON EGR	1	14.58
23512727L	DETROIT PLATINUM PLUS PER LTR	45	199.35
23512140	POWERCOOL PREMIX 20 LITRE DRUM	3	330.99
23517875	INTAKE MANIFOLD GASKET	3	78.69
23505248	F P GASKET	1	3.77
R23537173J	R BILT ENG S60 14L WITH JAKE	1	41957.58
C6067HK62	CORE FOR R23537173J	1	6500.00
13A1335DAY	17525 TOP COG AUTO BELT	1	8.45
13A1550DAY	17610 TOP COG AUTO BELT	3	81.87
8PK0915DAY	AUTO POLY RIB BELT	1	22.88
P182000	AIR FILTER, PRIMARY FINNED	2	119.32
23508408	RING SEAL	1	34.15
23513842	SEAL	1	6.70
23514328	TUBE	1	40.85
40032	CLAMP	4	14.88
DC6067HK62	D/CORE FOR R23537173J	-1	-6500.00
Sublet	ENGINE MOUNTS FRONT & BACK		0.00

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Sublet	2 x K066-229	274.43
Sublet	1 x D13-1001-4	302.84
Sublet	1 x K066-421	145.48
Sublet	1 x K066-282	109.93
Sublet	nuts and bolts as required	23.06
Sublet	fittings as required	35.71
Sublet	spherical rod joint	89.70
Sublet	2/12' Silicone Hose	261.72
Sublet	Dip Stick, Elbow Silicone Hose, Temp Sender	728.21
	<<< Total For Job 2 >>>	**53312.76**
Misc: EL	Environmental Levy	20.00
Misc: SS	Workshop Supplies	657.60

Total Labour	8220.00
Total Parts	45141.08
Total POL	0.00
Total Sublet	1971.08
Total Misc	677.60
Total Tax	5600.98
Total Invoice	61610.74

Total Amount Including GST

Penske Australia RTA number AU27805

Bank details for payment by EFT NAB George St, Sydney BSB: 082-057 Acc: 173 400 176

This invoice is issued to you under our standard Terms and Conditions of Sale and Service (AU) (available at https://penske.com.au/compliance-legal/) which apply to the exclusion of any terms and conditions which you issue. Terms of payment are detailed in that document unless otherwise noted in this invoice.