

WORKSHOP REPORT/DIAGNOSIS GUIDE
PT.STAR WAGEN INDONESIA

Date: <u>25 JANUARI 2023</u> WIP No: _____ Chasis No: <u>MHL400243LJ001142</u> Engine No: <u>400.951-D-0086352</u>	Customer Name: <u>PT. PUTRA PERKASA ABADI SITE BA</u> Reg No : _____ Reg date <u>14 JANUARI 2023</u> Type : <u>2528 C</u> Mileage / Hours Meter <u>949KM/73H</u>
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COMPLAINT ANALYSIS
Customer complaint/Customer information

ENGINE WHITE SMOKE
Vehicle information
 TURBO CHARGER OIL LEAKING
System Information
 TURBO CHARGER

TEST LEVEL

Test Level Description	Actual Value	Remark	Attachment Nr
Check fault code	no fault	OK	
Check smoth running control idle	0,8-1,32%	OK	
Check oil presure	4 Bar	OK	
Check intake manifold	oil leaking	NOT OK	
Check intercollar	oil leaking	NOT OK	
Check turbo charger	oil leaking	NOT OK	
check oil filter	temuan serpihan gram	NOT OK	
replace oil ENGINE	27L	OK	
CHECK CONSTANT THROTHEL SYSTEM & MECHANICAL	OK	OK	
Check breather	OK	OK	
Check air cleaner	OK	OK	

CAUSE LEVEL
Cause level/Workshop findings:

	Ada	Tidak ada	Attachment Nr
Photo (# lembar)	✓	-	
Area kerusakan (qbr EP)	✓	-	
Video (nama file)	-	-	
Old Spare part No.			
Notes:			

pada tanggal 20 Januari pihak customer PT.PPA site BA melaporkan unit dengan VIN diatas mengalami trouble engine white smoke.Kemudian saya lakukan pengecekan sperti pada tabel diatas dan ada temuan leaking oil lubricating pada sistem turbo charge,tahap awal yang saya lakukan selama perbaikan:

- 1.pengecekan pada filter air cleaner ,replace oil engine
- 2.pengecekan pada filter oil filter (not ok) replace oil filter &cleaning up inter coller , intake manifold
- 3.test compresi by xentry diagnosis
- 4.oil presure test
- 5.ccek circulation oil lubricating turbo (OK)
- 6.Replace turbocharger assy
- 7.check constant throthel valve line and solenoid
- 8.check breather valve and cek actual value bost pressure &cek performance engine
- 9.final check ground test

RECTIFICATION AND VERIFICATION LEVEL

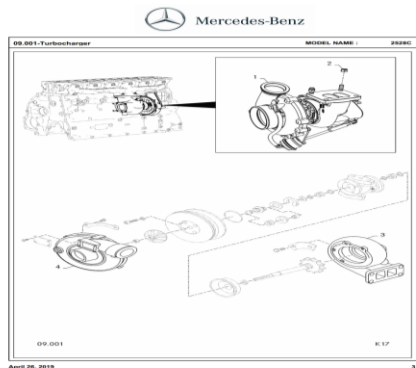
Rectification: REPLACE TURBO CHARGE
 LU EXHAUST GAS TURBOCHARGER (A 400 096 05 99)
Verification:


FAJAR M
 Mechanic

 Supervisor/Mgr

Workshop report digunakan untuk mencatat hasil analisa mekanik dengan menyertakan langkah-langkah diagnosis dan temuannya selama diagnosa

PICTURE CAUSE AND ACTION					
					
air filter conditio(OK)	OIL FILTER (NOT OK)	LINE INTERCOLLER(OK)	FILTER BREATHER VALVE (OK)	CONDITION TURBO	
PICTURE NUMBER					
					
UNIT	KM	HM	VIN		
PICTURE PART NO					



09.001 Turbocharger		MODEL NAME : 2528C	
TEST NO	PARTY NUMBER	DESCRIPTION	QTY
1	A4000000000	LU EXHAUST GAS TURBOCHARGER	1
2	A4000000000	VALT	4
3	A4000000001	TURBINE HOUSING FOR EXHAUST-GAS TURBO-C	1
4	A4000000001	COMPRESSOR HOUSING F EXHAUST-GAS TURBO-C	1

April 26, 2019