[CORE] [RUNNING] [UN-DETERMINED] [SOLD]	SKU#		U#	24529506
78IH118	Warranty		ranty	180 DAYS P&L
INTERNATIONAL	Assy#		sy#	
DT 466A	Serial#		ial#	466TM2U0440624
	Horsepower		power	
NEED TO RUN ON GROUND AND TESTED				
ection Checklist BEN B RAN ON GROUND				
k List- Engine not running	Insp	ected	Notes	
Check Oil and anti-freeze-add as needed				
Check Flywheel and Bell housing				
Check Engine Mounts				
Check Valve cover for leaks			SILICONE	ALL OVER
Check Head gasket for leaks				
Check Front cover for leaks				
Check Turbo-fins move freely-play in & out			GOOD	
Check Exhaust Manifold for cracks-missing/broken bolts			GOOD	
Check over Fan blades(cut belts)				
Check for Jakes			NONE	
n working order-If not see NOTE1				
essure gauge in place of the oil sending unit. NOTE2				
t-Engine needs to be running	Insp	ected	Notes	
Hook up Electronic Device and record				
ECM Miles HP HRS				
Odometer				
Oil Pressure RUNNING CORE				
SCFM(BLOWBY)				
Dept. Leader or Qualified Technician listens to engine				
(2)Signatures				
Inspect for new or fresh oil leaks				
Check Surge tank for bubbles. NOTE3				
Monitor exhaust for excessive smoke				
Did the engine run? { 10/N}				
	ΨILΤ	BEFOR	RE IT RUNS	S AGAIN
	р тн	IERE		
VALVE COVER GASKETS, INTAKE GASKET AND PUMP GASKETS				1
	78IH118 INTERNATIONAL DT 466A NEED TO RUN ON GROUND AND TESTED Rection Checklist BEN B RAN ON GROUND Rection Checklist BEN B RAN ON GROUND Rection Check Oil and anti-freeze-add as needed Check Flywheel and Bell housing Check Engine Mounts Check Engine Mounts Check Front cover for leaks Check Front cover for leaks Check Front cover for leaks Check Trubo-fins move freely-play in & out Check Exhaust Manifold for cracks-missing/broken bolts Check For Jakes In working order-If not see NOTE1 Ressure gauge in place of the oil sending unit. NOTE2 TENGINE NOTE3 TENGINE HP HRS Odometer Oil Pressure SCFM(BLOWBY) Exhaust Temps @ operating temperature 1. 2. 3. 4. 5. 6. 7. 8. Dept. Leader or Qualified Technician listens to engine (2) Signatures Inspect for new or fresh oil leaks Check Surge tank for bubbles. NOTE3 Monitor exhaust for excessive smoke Did the engine run? { W/N} How did it run? IT RAN WIDE OPEN BAD FUEL PUMP, WILL NEED TO BE REB Check Jake Brake function Engine Comments ENGINE IS MISSING GASKETS AND LOOSE THINGS HERE AN	78IH118 INTERNATIONAL DT 466A NEED TO RUN ON GROUND AND TESTED Dection Checklist REN B RAN ON GROUND Relative Engine not running Check Oil and anti-freeze-add as needed Check Flywheel and Bell housing Check Engine Mounts Check Valve cover for leaks Check Had gasket for leaks Check Hornt cover for leaks Check Turbo-fins move freely-play in & out Check Exhaust Manifold for cracks-missing/broken bolts Check over Fan blades(cut belts) Check over Fan blades(cut belts) Check over Fan blades (cut belts) Check for Jakes In working order-If not see NOTE1 Sessure gauge in place of the oil sending unit. NOTE2 TE-Engine needs to be running Hook up Electronic Device and record ECM Miles HP HRS Odometer Oil Pressure SCFM(BLOWBY) Exhaust Temps @ operating temperature 1. 2. 3. 4. 5. 6. 7. 8. Dept. Leader or Qualified Technician listens to engine (2)Signatures Inspect for new or fresh oil leaks Check Surge tank for bubbles. NOTE3 Monitor exhaust for excessive smoke Did the engine run? { W/N} How did it run? IT RAN WIDE OPEN BAD FUEL PUMP, WILL NEED TO BE REBUILT Check Jake Brake function Engine Comments ENGINE IS MISSING GASKETS AND LOOSE THINGS HERE AND THE	78IH118	78IH118

		STEI	L TO RUN		
		Determine what type of pallet to place engine on-wood or steel LATER PUT	ON WOOD	PALLET	
		IMPORTANT: IF ENGINE DID NOT RUN IN CHASSIS VERIFY IT TURNS OVER			•
3. Interna	l Engine Ch	necks	Inspected	Notes	
		Engine needs to be power washed prior to Inspection	JE		•
		Remove any block insulators at this time	JE		
		Drain Engine oil	Х		
		Remove all accesories-removal done by engine/bearing techs	Х		
		Starter X Alternator X A/C X Accessory Brackets X Fan clutch X	Х		
		Remove all Flywheels except Mercedes, DD13, DD15	Х		
		Clean up engine to make it look showroom worthy	Χ		_
		Verify ESN on block (see WIKI for ESN location)	Χ		_
		Remove Engine Valve Cover & Inspect	Χ	GOOD	
		1. Appearance of oil in Top end	Х	CLEAN	_
		2. Valve Springs-visual and tap with rubber mallet	Χ	FELT AND	LOOKED GOOD
	Q&A	3. Camshaft & Cam Followers-look for galling, flaking and scratches			_
		4. Inspect Jake Brakes-look for missing/broken pcs		If no Dart	# attach non-public
lake I	Part #	NONE			Jakes to part record
June 1		Check Turbo-fins move freely-play in & out		GOOD	- Junes to part record
		Make sure oil is drained.	X		
	Notes	TURNING INTO A RUNNING CORE			
4. Engine			Inspected	Notes	
		Open Part to Inventory work order			
		Jobs created for work done-ex. Rod & Main Bearings/ Camshaft	D		
		Place engine in Rotator and turn 90 degrees.	1		
		Place a jack stand in appropriate place to ensure safety	D		_
		Remove oil pan and inspect oil remnants for debris or metal shavings	NI		_
		Wash oil pan and inspect for damage-cracks/dent	 N		_
		Inspect cylinder walls & piston coolers-NOTE4	Т		
		Inspect Camshaft & Cam Followers-looking for galling, flaking and scratches			_
		Remove main bearing caps 6,7	C		_
		Remove rod bearings caps 5,6.			
Don't assu	me:inspect	Main Bearing P#	H		
Don't assu	me:inspect	Rod Bearing P#	Е		
	Q&A	Inspect lower main bearing and upper rod bearing for wear			
	Q&A	Replaced? { Y/N }	C		
		(2) Signatures	K		
		Inspect crankshaft NOTE5			
		If bearings need replaced remove mains 4-7-Inspect Crank			
	=				

	Replace using assembly lube and torque to spec with new bearings			
	Remove 1-3 and Repeat NOTE6			
	Remove/Replace rod bearing caps in pairs (1/6,2/5,3/4)			
	Install bearings with Lubriplate and torque to spec			
	Install oil pump and Clean oil pan w/ gaskets			
	Rotate Engine 360 degrees-NOTE7			
				1
•	<u> </u>		•	-
5. Engine Wo	ork Orders- for sellable engines	Inspected	Notes	
	Jobs created for work done-ex. Rod & Main Bearings/ Camshaft	X		
	Document Notes-State what you are doing to the engine	X		
	Internal job Notes-State what you did to the engine and why	X		
	Complaint, Cause, Correction-filled out	X		
	Add New and used replaced parts to work order			
	Before closing work order	X		
	(2) Signatures_BENJAMIN BENTS			
	If engine is sold pictures need to taken now.	CP		
6. Updating	Part Inventory	Inspected	Notes	
	Update engine description		•	-
	Make sure all flex fields match recorded information			
	Update engine Grading and Price if necessary-NOTE8			
	Update engine Q &A including Serial # and Model#			
	Update SCFM-Google Docs			
	Attach paperwork to Part Record			
	Attach Pocket IQ PDF.			
7. Engine Pre	e- Wash		Initials a	and Notes
	Do not paint engines we have inspected and need bearings, but chosen to not			
	replace at this time and any engine we have not inspected yet.			
	Use flashlight to inspect for damaged or loose parts-Cracks, missing bolts			
	Tape, or cap all openings and ports, electrical plugs, ECM plugs, intake			
	manifold, exhaust manifold, exposed fittings. Etc.			
	Remove tag and power wash engine			
	If engine does not require paint go strait to post paint instructions.			
	If engine is sold use air blower and blow water and excess debris off of engine			
8. Engine Pre	e- Paint			
	Make sure engine is dry			
	Put on PPE (Mask, gloves and eye protection)			
	Find and mask off all manufacture tags, ID plates and part numbers			

	If engine has just come from getting bearings checked or replaced, clean oil pand and	
	oil pan bolt area w/ brake clean	
	Prime if necessary	
	Paint entire engine primary color, do not paint exhaust manifold, or valve covers if	
	they will be painted a different color	
	Look over engine carefully and then paint exhaust manifold and turbo "Cast Iron	
	Grey"	
	Paint Valve covers if needed	
8. Engine Post	Paint Paint	
	Print new adhesive, plastic tags and get VHI decal ready	
	Delete old pictures of engine while still in the truck, pictures of info tags can be	
	preserved if good.	
	Check engine for cracks and major oil leaks	
	Apply adhesive tags and VHI logo sticker to front on engine	
	Zip tie plastic tag to top front of engine w/ barcode facing out	
	Remove tape from identification labels	
	Bring engine to picture area and take pics of Front, LH, RH and back side of engine-	
	IN THAT ORDER!	
	Double check I-track to make sure pics are centered and clear. Re-take as needed	
	If engine needs to be put on AQ pallet, be sure to band engine to pallet w/ 2 bands	
	Put engine away and update location in i-track if not sold, if sold let shipping know	
	Bring completed paperwork to Deman Lead	