

ENGINE AND CORE ENGINE PROCESSING GUIDES

ENGINE PROCESSING FLOW

ENGINES INVENTORIED AS "GOOD"

1. COMPLETE THE PRE-RUN SECTION OF THE EIF AND SUBMIT
2. COMPLETE THE RUNNING SECTION OF THE EIF AND SUBMIT
3. DRAIN FLUIDS AND DOCUMENT FLUID CONDITIONS IN EIF
4. REMOVE ENGINE AND TRANSMISSION FROM THE UNIT

SEPERATE ENGINE AND TRANSMISSION - tag transmission and send to washbay

REMOVE CLUTCH - place in core basket

REMOVE FLYWHEEL - place on inventory cart

REMOVE FAN BLADE - place on inventory cart

LEAVE STARTER, ALTERNATOR, FAN HUB, A/C COMPRESSOR ON ENGINE

5. BEARING TEHCNICIAN WILL REVIEW THE EIF PRERUN AND RUN SECTIONS AND ADRESS EACH ISSUE NOTED

6. COMPLETE THE BEARING TECHNICAN PORTION OF THE EIF AND SUBMIT

REMOVE PARTS AND CLEAN UP HOSES, WIRES, EXTRA BRACKETS etc.

NICE FAN CLUTCHES - place on inventory cart

STARTER – place in core basket

AC COMPRESSOR – place in core basket

ALTERNATOR – place in core basket

7. COMPLETE WORK ORDER NOTES SECTION AND SAVE

ENGINES THAT GET CORED ON ROTATOR OR IN FRAME / COME INTO DEMAN AS A CORE

IF ENGINE WAS INVENTORIED AS GOOD INITIALLY - MAKE SURE ALL WORK ORDER NOTES AND/OR EIF NOTES ARE COMPLETE TO SHOW WHY IT IS BEING CHANGED TO A CORE. ALL INSPECTION ACTIVITIES UP TO THE POINT OF CHANGING IT TO A CORE SHOULD BE DOCUMENTED.

PULL FAN BLADE AND PLACE ON INVENTORY CART

REINSTALL OIL PAN, STEERING PUMP, FAN HUB, ACCESSORY MOUNT BRACKETS, STARTER, OR ANY OTHER MAJOR ACCESSORY IF REMOVED TO FIT IN ROTATOR.

LEAVE STARTER, ALTERNATOR, FAN HUB, AIR COMPRESSOR, AND A/C COMPRESSOR ON THE ENGINE

CORE ENGINE PROCESSING

RETURN SALES ORDER NUMBER OR
CORE ENGINE NUMBER -

C31679

NAME OF PERSON DOING INSPECTION

JUSTIN

**BEFORE CHECKING IN ANY ENGINES MAKE SURE YOUR ARE FAMILIAR WITH THE
"CORE ENGINE PROCESSING PROCEDURE" THAT CAN BE PRINTED FROM I-NET**

NOTES FOR DAMAGE FOUND OR OTHER GENERAL INFO

		ENGINE CHECK-IN	
YES NO		CHECK YES OR NO TO THE FOLLOWING PARTS BEING PRESENT WITH NO VISIBLE DAMAGE IF DAMAGED PLEASE DESCRIBE	
X		ENGINE IS TAGED W/ RETURN SO# OR CORE#	
X		VALVE COVER	
X		CYLINDER HEAD	
	X	INTAKE MANIFOLD	JUST A PIPE OUT OF HEAD
X		EXHAUST MANIFOLD	
X		FRONT COVER	
X		FLYWHEEL HOUSING	
X		FUEL LINES	
	X	TURBOCHARGER	
X		BLOCK, NOT VENTILATED/NO VISIBLE CRACKS	
X		OIL PAN, NO MAJOR DENTS, NO HOLES	
X		ECM	
X		IF PART RECORD IS AVAILABLE UPDATE PART RECORD NOTES	
NA		SALES PERSON HAS BEEN NOTIFIED ENGINE IS BACK	

NOTES FOR DAMAGE FOUND OR OTHER GENERAL INFO

YES	NO	ENGINE PROCESSING	
X		CREATE CORE# IN I-NET WEB APP OR CORE MANAGEMENT	UPDATE CORE CATEGORY TO "CORE", USER STATUS TO C-CORE, AND CONDITION TO (-), UNCHECK "CORE REQUIRED" BOX IN ADVANCED TAB, AND REMOVE ALL WARRANTY INFORMATION
X		CORE NUMBER IS WRITEN ON FRONT OF ENGINE 1" NUMBERS	
X		CORE NUMBER IS WRITEN ON BLOCK 1" NUMBERS	
X		ROTATION OR LACK OF ROTATION SYMBOL IS ON FRONT OF ENGINE	NO ROTATE
X		DRAIN OIL AND COOLANT	
X		TAPE/PLUG ALL OPEN AREAS THAT SHOULD NOT BE EXPOSED TO ELEMENTS	
X		REMOVE ALL BELTS, HOSES, AND EXTRA WIRES,	
X		MODIFY AQ PALLET AND PLACE ENGINE IN PALLET	TOTAL HIGHT SHOULD NOT EXCEED 57.5" MUST HAVE AT LEAST 2 BANDS HOLDING IT DOWN, MAKE SURE ENGINE IS NOT SITTING ON OIL PAN OR FILTERS, IF NECESSARY REMOVE AND INVENTORY OIL PAN AND PLACE THE ENGINE ON A PANLESS PALLET
X		TAKE AT LEAST 4 PICTURES, FRONT, LH, RH, BACK, AND OF ANY ID TAGS	
X		TAKE SPECIFIC PICTURES OF ANY DAMAGE FOUND	
X		UPDATE ENGINE SERIAL#, CPL, AR, DDEC, HP, ETC, IN PART RECORD	
X		UPDATE DESCRIPTION, CORE, MODEL? HP? JAKES? ROTATES? WHAT IS WRONG W/ ENGINE? LESS LIST OF PARTS?	EXAMPLE OF FULL DESCRIPTION: CORE, 12.7, DDEC4, 475HP, JAKES, ROTATES; WATER IN OIL, LESS: OIL PAN, FLYWHEEL HOUSING, AIR COMPRESSOR
		ENGINE GRADING	
C1		NO CUSTOMER CORES WILL QUALIFY, ONLY RUNNING ENGINES CORED OUT OF DEMAN	MUST INCLUDE, FLYWHEEL HOUSING, OIL PAN, TURBO, ECM, VALVE COVER, INJECTORS, FUEL PUMP, AND AIR COMPRESSOR
C2		COMPLETE ROTATING, NON-VENTILATED, HAS KNOWN FAILURE LISTED IN CORE RETURN NOTES	MUST INCLUDE, FLYWHEEL HOUSING, OIL PAN, TURBO, ECM, VALVE COVER, INJECTORS, FUEL PUMP, AND AIR COMPRESSOR
C3		COMPLETE, ROTATING, NON-VENTILATED, UNKNOWN FAILURE	HAS MISSING BOLT ON COMPONENTS OR BROKEN PARTS (BROKEN OR MISSING TURBO, FUEL PUMP, TIMING COVERS, FLYWHEEL HOUSING, ECM
C4	X	PARTIALLY COMPLETE, NON-ROTATING, NON-VENTILATED, UNKNOWN FAILURE	MISSING OR DAMAGED MAJOR PARTS, BLOCK, HEAD, CRANK, SPUN BEARINGS
C5		MOST MAJOR PARTS MISSING, VENTILATED BLOCK	VENTILATED, MISSING MOST PARTS, BURNT