PAD CONTENT EXAMPLE

PAD | PAGE | GM CONFIDENTIAL UNTIL "SOP" | PRODUCT ASSEMBLY DOCUMENT © GENERAL MOTORS CORPORATION - UNPUBLISH

CANCELED

NUT (CONN ROD) EX Y
NUT (CONN ROD) Y EX
CAP (CONN ROD) EX X
Y 3 2
BLOCK ASM (6A1)
CRANKSHAFT (6C1)
NOTICE
INFORMATION NOT RELEASED
PENDING ENGINEERING APPROVAL
3 W
X
1 V
Y 3 2
X
FRT
RIGHT HAND SHOWN
LEFT HAND TYPICAL
ILLUSTRATION AREA

SPECIFICATIONS

1	12569474	PISTON ASM (WITH CONN ROD) RH (4)
1	12569473	LH (4)
2	12556276	BEARING (16)
2	12572994	OPT &NMB (16)
3	+9986166	LUBRICANT REFERENCE AMOUNT ONLY: [4.0 cc TOTAL 0.3 cc PER CYLINDER BORE PRIOR 0.2 cc PER CYLINDER BORE AFTER] [2.0 cc TOTAL 0.125 cc PER EACH BEARING SHELL]

OPERATION DESCRIPTION

V WHEN HANDLING PISTON & CONNECTING ROD ASM. DO NOT LET ROD ASM FALL OR BANG AGAINST SKIRT OF PISTON

W LUBRICATE EACH CYLINDER BORE WALL PRIOR TO INSTALLATION OF PISTON ASM AND ALSO ABOVE CYLINDER BORE WALL AFTER PISTON ASM INSTALLATION.

X UPPER/LOWER ROD BEARINGS AND CONNECTING RODS AND CAPS USED ON ANY ONE JOURNAL MUST BE KEPT TOGETHER AS A SET AND INSTALLED ON THE ENGINE THAT WAY. THEY MUST NOT BE INTERCHANGED. BEARING LOCATIO TANG MUST FIT TO ROD/CAP MACHINED NOTCH

Y TORQUE NUT (REF) M10 x 1.25 (14mm HEX) (PART OF CONNECTING ROD) TO D30.0+/-3 Nm +90° +/-3°

Z ARROW ON PISTON TO FACE FRONT OF ENGINE.

DATE	CHG	EFF PR	REVISION	AUTH	PR	CHC
30OC99	A	URGT	ITEM 1 WAS 15742099	CA150A	JD	MM

12345678

PLANT USE | MODEL YEAR 2007 | PRODUCT M402 | PRODUCT CODE

USAGE: ALL BROADCAST CODES CK/G000 &L18 &NM2; B/C000 &L18 &NMB

ENGR REF: A. SMITH, B. JONES, J. DOE

PR PAD ANALYST NAME | UPC 6D | SHEET 1

DATE 30OC04 | PDT

TITLE: PISTON (WITH CONN ROD)

STATUS PROD | ORG X | PQC | S/C | F/F | PAD | PAGE

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90° VERTICAL
NOTICE
INFORMATION NOT RELEASED
PENDING ENGINEERING APPROVAL
STUD (STARTER SOLENOID)
POSITIVE BATTERY CABLE Z
VIEW A
1 D C B A 1
CANCELED
POSITIVE BATTERY CABLE
A
ILLUSTRATION AREA
FRT

SPECIFICATIONS

1	21021808	NUT (4205C) D9.0+/-2.0 NM

OPERATION DESCRIPTION

A LOOSE ASSEMBLE POSITIVE BATTERY CABLE TO STUD ON STARTER WITH FASTENERS SPECIFIED.

B SECURE POSITIVE BATTERY CABLE TO STUD ON STARTER TO SPECIFIED TORQUE.

C CHECK TORQUE MONITORING SYSTEM FOR PROPER TORQUE ON FASTENER.

D IF TORQUE IS SATISFACTORY, APPLY PAINT MARK TO FASTENER. IF TORQUE IS NOT SATISFACTORY, REMOVE FASTENER AND DISCARD. REPROCESS FROM BEGINNING.

PRODUCT QUALITY CHARACTERISTICS

1 PQC: TORQUE

Z POSITION CABLE 90° FROM VERTICAL AS SHOWN IN VIEW A.

DATE	CHG	EFF PR	REVISION	AUTH	PR	CHC
30OC99	A	URGT	ITEM 1 WAS 15742099	CA150A	JD	MM

PLANT USE PD123 | MODEL YEAR 2007 | PRODUCT 35H6/36E6 | PRODUCT CODE GMT355

USAGE: GMT390 &LX9/LY7 &M30 &C60

ENGR REF: A. SMITH, B. JONES, J. DOE

PR PAD ANALYST NAME | UPC 12A | SHEET 3

DATE 30OC04 | PDT

TITLE: INSTALL POSITIVE BATTERY CABLE TO STARTER

STATUS PROD | ORG X | PQC | S/C | F/F | PAD | PAGE P1