

## XPAG/XPEG ENGINE FASTENERS

SIZE	LENGTH (INCH)	WRENCH SIZE	DESCRIPTION/USE	QTY	ORIGINAL P/N	ABINGDON P/N	MOSS P/N
<b>BOLTS</b>							
5 - 0.75mm	1 9/16	1/8W	FAN TO PULLEY (TD/TF) (TC)	4 4	AAA5213 CA1200	7-23 7-23A	320-120 320-110
6 - 1mm	1/2	3/16W	UPPER REAR OIL SEAL COVER	3	JA5384	3-12	320-130
6 - 1mm	1/2	3/16W	ROCKER (VALVE) COVER SIDE BOSSES (TD/ TF)	2	JA5384	3-12	320-130
6 - 1mm	1/2	3/16W	BAFFLE TO SUMP	4	JA5384	3 - 173	320-130
6 - 1mm	5/8	3/16W	CAMSHAFT THRUST PLATE	2	X15175	5-84	320-130
6 - 1mm	5/8	3/16W	OIL PICKUP TO BAFFLE (TD/TF)	2	JA5117	3 - 169	
6 - 1mm	5/8	3/16W	OIL PICKUP COVER (LATE TD/TF)	1	HP0405	3 - 167	
6 - 1mm	1 1/2	3/16W	OIL PICKUP TO SUMP, DRILLED FOR SAFETY WIRE	2	ASL5853	3 - 161	320-150
6 - 1mm	1 1/2	3/16W	TIMING CHAIN TENSIONER, DRILLED FOR SAFETY WIRE	2	AAA5792	5-8	320-150
6 - 1mm	2 5/8	3/16W	OIL PUMP TO BLOCK (TC/EARLY TD) (LATE TD)	4 2	AAA5586	3-99	320-160
6 - 1mm	3 5/16	3/16W	OIL PUMP TO BLOCK, DRILLED FOR SAFETY WIRE (TC/EARLY TD) (LATE TD/TF)	2 4	AAA5586	3-99	320-160
6 - 1mm	3 1/2	3/16W	OIL PUMP TO BLOCK, DRILLED FOR SAFETY WIRE	2	AAA3093	3-97	320-170
8 - 1mm	1/2	3/16W	OIL GALLERY PLUGS	5	X22968	3-8	328-100
8 - 1mm	1/2	*	REAR PLATE TO HEAD (* SCREW HEAD)	4	MG862/211	3-50	323-180
8 - 1mm	5/8	3/16W	FRONT BEARER PLATE TO BLOCK	2	AAA5343	3-40	320-260
8 - 1mm	5/8	3/16W	TIMING CHAIN COVER TO FRONT BEARER PLATE (2 BOLTS FROM REAR OF BEARER PLATE)	2	X15012	3-39	320-260
8 - 1mm	5/8	3/16W	CAM BEARING DOWEL BOLTS ( DRILLED FOR SAFETY WIRE)	2	AAA5621	5-44	320-900
8 - 1mm	3/4	1/4W	CLUTCH TO FLYWHEEL	6	CA1122	13 - 47	321-028
8 - 1mm	3/4	1/4W	ENGINE MOUNT CRADLE TO FRONT BEARER PLATE (TD/TF)	4	OA10077	3-42	320-260
8 - 1mm	3/4	1/4W	GENERATOR ADJUSTING LINK TO BLOCK	1	CA1122	3 - 149	320-260
8 - 1mm	3/4	1/4W	GENERATOR MOUNTING BRACKET TO BLOCK	2	CA1122	3 - 146	320-260
8 - 1mm	3/4	1/4W	OIL FILTER SUPPORT BRACKET TO BLOCK (TC) (EARLY TD)	2 3	CA1122	USE 3 - 39	320-260
8 - 1mm	3/4	1/4W	WATER OUTLET ELBOW TO THERMOSTAT HOUSING BOLT (TF)	2	CA1122	7-45	320-260
8 - 1mm	7/8	1/4W	WATER OUTLET ELBOW TO HEAD (TC/TD) (TF)	4 2	CA1258	3 - 132	320-270
8 - 1mm	7/8	1/4W	AIR CLEANER ELBOW TO CARBURETOR (TC/TD)	4	CA1258	3 - 62A	320-270
8 - 1mm	7/8	1/4W	WATER PUMP (SHORT BOLT) (TD/TF) (TC)	1 2	CA1258	7-27	320-270
8 - 1mm	7/8	3/16W	SUMP TO BLOCK (CENTER BOLTS)	10	LA7431	3-74	320-270
8 - 1mm	7/8	3/16W	SUMP TO TIMING CHAIN COVER (DEEP HEAD)	2	AAA5340	3-73	320-265
8 - 1mm	1	1/4W	WATER PUMP (LONG BOLT, LOWER HOLE) (TD/TF)	1	JA5052	7-28	320-625
8 - 1mm	1	1/4W	BELL HOUSING TO ENGINE	10	JA5052	3-58	321-048
8 - 1mm	1	1/4W	BOTTOM GENERATOR MOUNTING (TC, FRONT AND REAR) (TD/TF REAR)	2 1	JA5052	3 - 153/157	320-625

8 - 1mm	1 1/8	3/16W	SUMP TO BLOCK (DEEP HEAD SLOTTED - REAR 2 BOLTS)	2	AAA5341	3-75	320-615
8 - 1mm	1 1/4	1/4W	BOTTOM GENERATOR MOUNTING (TD/TF FRONT WITH 1/4" SPACER)	1	QA11093	3 - 153	320-625
8 - 1mm	1 1/4	13mm	GUDGEON PIN CLAMP BOLTS (ORIGINAL BOLTS HAD 1/4W HEADS)	4	CA1009	5-17	320-890
8 - 1mm	1 7/8	1/4W	TIMING CHAIN COVER TO ENGINE	3	AAA5286	3-36	320-300
8 - 1mm	2	1/4W	TIMING CHAIN COVER TO ENGINE (2 LOWER BOLTS)	2	AAA5231	3-35	320-310
8 - 1mm	2 1/4	13mm 1/4W	ROD BIG END BOLTS (WITH SELF LOCKING NUTS) (DRILLED FOR COTTER PIN)	8	AEF123	5-15	320-880
8 - 1mm	2 3/4	1/4W	WATER OUTLET ELBOW TO HEAD TF (LONG BOLT)	2	OA10019	7-40	
8 - 1mm	3 5/16	1/4W	ROCKER TOWER	4	AAA5670	5-57	320-330
10 - 1.5mm	3/4	5/16W	CARBURETOR TO MANIFOLD (TC/TD)	4	LA7153		320-510
10 - 1.5mm	7/8	3/8W	FLYWHEEL TO CRANKSHAFT, DRILLED FOR SAFETY WIRE	4	AAA5609	13 - 61	321-108
10 - 1.5mm	1	5/16W	STARTER TO BLOCK (TC) (TD/TF)	3 2	CA1095	65-62	320-510
10 - 1.5mm	3 1/2	5/16W	ROCKER TOWER	4	AAA5692	5-58	320-530
12 - 1.5mm	7/8	5/8W	CRANKSHAFT PULLEY BOLT/STARTING DOG (CAN USE 1 1/8 SAE WRENCH)	1	AAA5279	5-30	433-450
12 - 1.5mm	1	3/8W 19mm	TIMING GEAR TO CAMSHAFT (SOME BOLTS COME WITH THIS LARGER HEAD)	1	AAA5788	5-35	320-670
1/4 - 26 BSF	1 1/4	3/16W	ENGINE BREATHER PIPE CLAMP BOLT (SOME OF THESE MAY BE 6 - 1MM)	1	CA1263	USE 23 - 125	320-200
1/4 - 20 W	1 3/8	3/16W	DISTRIBUTOR CLAMP PINCH BOLT, SLOTTED HEAD (TC/EARLY TD) NOTE: THIS MAY HAVE REPLACED WITH A 1/4 - 20 AMERICAN BOLT	1			
5/16 - 22 BSF	3/4	1/4W	CLUTCH RETURN SPRING BRACKET TO SUMP NOTE: VERY LATE TDs AND TFs MAY HAVE A 8 X 1mm BOLT IN THIS POSITION	1	AJG6205N	13 - 22	320-360
5/16 - 22 BSF	3/4	1/4W	CLUTCH CABLE BRACKET TO SUMP (EARLY TD) NOTE: VERY LATE TDs AND TFs MAY HAVE 8 X 1mm BOLTS IN THIS POSITION	2	AJG6205N	13 - 31	320-360
5/16 -22 BSF	3/4	1/4W	AIR CLEANER TO CARBURETOR (TD MKII/TF)	4	LA7469	23-185	320-360
5/16 - 18 W	5/8	5/16W	ADJUSTING LINK TO GENERATOR (5/16 - 18 SAE BOLT FITS AND MAY BE USED)	1	3H2092	3 - 151	322-510
3/8 - 20 BSF	4 1/2	5/16W	OIL FILTER HOUSING (LATE TD/TF)	1	300852	3 - 197	

STUDS							
SIZE	LENGTH (INCH)	WRENCH SIZE	DESCRIPTION/USE	QTY	ORIGINAL P/N	ABINGDON P/N	MOSS P/N
6 - 1mm	1 7/8	N/A	TAPPET COVER STUDS	3	AAA5595	3 - 16	
8 - 1mm	1 1/4	N/A	WATER OUTLET ELBOW TO THERMOSTAT HOUSING STUD (TC/TD)	2	CB1717	3-31	328-730
8 - 1mm	1 7/8	N/A	LONG WATER PUMP STUD	1	X20167	3 - 30	328-750
8 - 1mm	1 3/4	N/A	SHORT WATER PUMP STUD	1	JB5969	3-31	328-750
8 - 1mm	4	N/A	MANIFOLD TO HEAD	4	AAA5773	3 - 47	328-760
8 - 1mm	5 1/4	N/A	ROCKER (VALVE) COVER STUDS	2	AAA5552	3 - 46	328-770
10 - 1.5mm	2	N/A	CARBURETOR TO MANIFOLD STUDS (TD MKII/TF)	4	QA11791	3 - 121	328-810
10 - 1.5mm	1 7/8	N/A	EXHAUST FLANGE TO MANIFOLD STUDS (TC)	3	CA1119	3 - 62	328-828
10 - 1.5mm	1 1/2	N/A	EXHAUST FLANGE TO MANIFOLD STUDS (TD/TF)	3	X15126	3 - 62A	328-808
10 - 1.5mm	4 3/8	N/A	HEAD TO BLOCK STUDS	10	AAA5512	3 - 13	328-780

12 - 1.5mm	3 1/8	N/A	MAIN BEARING CAP TO BLOCK STUDS	6	LA7104	5 - 85	328-830
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PLUGS							
SIZE	LENGTH	WRENCH	DESCRIPTION/USE	QTY	ORIGINAL	ABINGDON	MOSS
	(INCH)	SIZE			P/N	P/N	P/N
10 - 1.5mm	N/A	3/16W	CENTER OIL GALLERY PLUG	1	X20247	3 - 9	
12 - 1.5mm	5/16	*	FRONT OIL GALLERY PLUG (*SCREW HEAD, STEEL)	1	X22732	65 - 57	328-020
12 - 1.5mm	9/16	*	REAR OIL GALLERY PLUG (*SCREW HEAD, BRASS)	1	X15393	65 - 57	328-030
12 - 1.5mm	N/A	5/16W	OIL PUMP BODY PLUG (LATE TD/TF)	1	163138	3 - 212	
12 - 1.5mm	N/A	5/16W	OIL PUMP COVER	2	10798	3 - 215	
12 - 1.5mm	N/A	5/16W	SUMP OIL PICKUP PORT PLUG	1	10798	3 - 215	
21 - 1mm	N/A	9/16W	RELIEF VALVE CAP (CAN USE 1" SAE WRENCH)	1	AAA5628	3 - 111	
3/8 - 19 BSP	N/A	3/8W	WATER OUTLET PLUG ON THERMOSTAT HOUSING (TF)	1	AEK122	7 - 47	320-625
1/2-14 BSP	N/A	1/2W	SUMP OIL DRAIN PLUG	1	AAA2599	3-68	328-120

NUTS							
SIZE	LENGTH	WRENCH	DESCRIPTION/USE	QTY	ORIGINAL	ABINGDON	MOSS
	(INCH)	SIZE			P/N	P/N	P/N
8 - 1mm	N/A	1/4W	WATER PUMP SHAFT TO PULLY NUT	1	JA5088	7-6	311-080
8 - 1mm	N/A	1/4W	WATER PUMP STUD NUT	2	CA1126	3 - 51	311-100
8 - 1mm	N/A	1/4W	WATER OUTLET ELBOW TO THERMOSTAT HOUSING STUD (TC/TD)	2	CA1126	USE 3-51	311-100
8 - 1mm	N/A	1/4W	FRONT ENGINE MOUNT CRADLE TO FRONT BEARING PLATE	4	CA1126	3 - 43	311-100
8 - 1mm	N/A	1/4W	MANIFOLD CLAMP NUT	4	CA1126	3 - 66	311-100
8 - 1mm	NA	1/4W	ROD BIG END CAP BOLT NUT (ORIG. CASTELLATED FOR COTTER PIN) (SELF LOCKING TYPE)	8	AEF131	5 - 16	311-080
10 - 1.5mm	N/A	5/16W	HEAD STUD NUT	10	AAA5208	3 - 56	
10 - 1.5mm	N/A	5/16W	EXHAUST FLANGE TO MANIFOLD NUT (BRASS)	3	CA1605	3 - 63	
10 - 1.5mm	N/A	5/16W	CARBURETOR TO MANIFOLD STUDS (TF)	4	CA1127	3 - 122	
12 - 1.5mm	N/A	7/16W	MAIN BEARING CAP STUD NUT (CASTELLATED FOR COTTER PIN)	6	AEF199	5 - 5	
1/4 - 26 BSF	N/A	3/16	ENGINE BREATHER PIPE CLAMP BOLT NUT (SOME OF THESE MAY BE 6 - 1MM)	1	CA1254	USE 23 - 425	
1/4-26 BSF	N/A	3/16W	DISTRIBUTOR COTTER BOLT NUT (LATE TD/TF)	1	CA1254		
1/4 - 20 W	N/A	3/16W	DISTRIBUTOR CLAMP PINCH BOLT NUT (TC/EARLY TD)	1	ADJ8104		
3/8 - 20 BSF	N/A	5/16W	CLUTCH LINKAGE FULCRUM PIN NUT (CASTELLATED FOR COTTER PIN)	2	AAA5802	13 - 26	311-240

MISC							
SIZE	LENGTH	WRENCH	DESCRIPTION/USE	QTY	ORIGINAL	ABINGDON	MOSS
	(INCH)	SIZE			P/N	P/N	P/N
2BA	3/4	*	BYPASS ELBOW TO THERMOSTAT HOUSING (TC/TD) (*SLOTTED CHEESE HEAD SCREW)	2	AJD320	7-66	323-040

8-1MM	7/8	1/4W	DISTRIBUTOR LOCK BOLT, DOG POINT, DRILLED FOR SAFETY WIRE (TC/EARLY TD)	1	AAA5212	35 - 93	433-530
1/4-26 BSF	N/A	N/A	DISTRIBUTOR COTTER BOLT (LATE TD/TF)	1	AAA2776	35 - 90	433-540
3/8-20 BSF	N/A	N/A	CLUTCH LINKAGE FULCRUM PIN	2	X23049	13 - 27	190-390
1/8-28 BSP	N/A	3/16W	BLOCK WATER DRAIN TAP	1	3H2724	3 - 14	434-240
1/8-28 BSP	1	5/16W	OIL PIPE BLOCK TO HEAD BANJO BOLT (TC/EARLY TD) (LATE TD/TF)	2	X21021 AAA5550	3 - 115A 3-115	435-465 435-490
1/4-19 BSP	1 1/8	1/2W	FILTER TO BLOCK OIL PIPE (TC) (EARLY TD)	4 3	X19089	3 - 86	435-480