



**LORD Mounts  
for General Aviation**

**LORD**  
Ask Us How™

## **LORD MOUNTS FOR GENERAL AVIATION**

LORD set the standard for elastomeric engine mounts more than 70 years ago by providing the first Dynafocal® engine mounts for aircraft. Today, LORD mounts continue to provide superior performance and life at all levels of General Aviation. Millions of LORD mounts have been produced, sold into the market place and flown by operators all over the world. With best-in-class quality and performance, most major OEMs and service shops specify LORD Mounts.

Because of our strong history of vibration and motion control products, we offer a wide array of innovative solutions for the aerospace industry. We can work with you to determine the LORD mount for your aircraft. For more information, contact customer support at [customer.support@lord.com](mailto:customer.support@lord.com) or +1 877 ASK LORD (275 5673).



# LORD ENGINE MOUNTS FOR YOUR AIRCRAFT APPLICATION

MODEL	LORD PART NO.	NO. PER A/C	SPECIAL INFORMATION
<b>AEROFAB/COLONIAL</b>			
C-2	J-7401-2	4	
<b>AVIAT</b>			
S-1, S-1S, S-2A	J-7401-2	8	
<b>AEROMACCHI</b>			
AL-60C5/F5	J-9613-24 / -9	2 ea.	
<b>BELLANCA</b>			
17-30A	J-12453-1 / -2	2 ea.	S/N 30847 & up
17-31, 17-31A, 17-TC, ATC	J-9868-5	4	
7ECA	J-6230-1	4	Citabria (1967 on)
7GCAA, 7GCBC, 7KCAB	J-6230-1	4	
8KCAB, -180, -CS, -FP	J-6230-1	4	
<b>BRITTON NORMAN</b>			
BN-2, BN-2A MK. 111	J-7402-20	8	
<b>BRITISH AEROSPACE</b>			
3100/3200	LM-600-88	12	Replaces 00-11624-01
3100/3200	LM-600-90	6	Replaces 82-9060-01
<b>CESSNA</b>			
150, 150A-F, F150	SE-1051-3	1	NLG Damper (Early Models)*
152, 152 Aerobat	J-7402-1	4	S/N 15279406-85594
152, 152A, 172	SE-1051-2	1	NLG Damper*
172 I-P	J-9613-49	4	
172Q	J-9613-49 / -72	2 ea.	S/N 17275869 on
172R, S	J-9613-82	4	*
172RG	J-9613-49 / -72	2 ea.	
R172E, K	J-9613-42 / -12	2 ea.	S/N R172-0302 to -0335
177, A-B	J-9613-49	4	
177RG	J-9613-59	4	
180	J-3804-14 / -15	2 ea.	S/N 30002-32150
180, 180A-H	J-6545-1	4	
182, 182A-R	J-6545-1	4	
182 (new)			
T182, TR182	J-9613-12	4	
185, 185A-E	J-6545-1	4	
A188B	J-15198-1 / -2	2 ea.	S/N 18802349 & up
T188	J-15198-2 / J-6545-6	2 ea.	S/N T1883297T & up
205, 205A	J-6545-1	4	
206 (new)			

MODEL	LORD PART NO.	NO. PER A/C	SPECIAL INFORMATION
P206, P206A-E	J-12453-1 / -2	2 ea.	
TU206A-F	J-12453-1 / -2	2 ea.	
U206	J-12453-1 / -2	2 ea.	
207, 207A, 207A II	J-12453-1 / -2	2 ea.	
208	LM-600-60 (Spacer)	3	*
208	LM-600-9 (Sand)	6	*
210, 210A-C	J-6545-1	4	
210D-L	J-12453-1/-2	2 ea.	
P210R	J-12453-1/-2	4/2	
T210F-L	J-12453-1/-2	2 ea.	
T210M, N	J-12453-1/-2/SPEC	2 / 1 / 1	SPEC is Cessna part
310J-Q	J-12390-1	8	
310R, T310	J-9613-58	8	
320, 320A-C	J-7764-4	8	
320D-F	J-9613-31 or -58	8	2 Con TSI0-520-B, BB
335	J-9613-58	8	
336	J-7764-10	8	
337, 337A-H, P337H	J-9613-31	8	
T337B-G	J-9613-31	8	
340, 340A	J-9613-58	8	
401, 401A, B	J-9613-58	8	
402, 402A, B, C	J-9613-58	8	
404	J-9613-54	8	
414, 414A	J-9613-58	8	
421, A, B, C	J-9613-54	8	
425	LM-600-20 (Spacer)	6	*
425	LM-600-9 (Sand)	12	*
441	200PE1210-45	2	*
441	LM-600-12 (Spacer)	6	*
441	LM-600-9 (Sand)	12	*
500/501	LM-420-SA5 / -SA6	4 / 2	*
550/551	LM-420-SA23/30/31	2 ea.	*
<b>DASSAULT</b>			
FALCON 50	LM-833-SA9	2	
FALCON 50, 90, 900EX	LM-833-SA13	2	Engine 2 Isolator
FALCON 50, 900	LM-833-SA10	2	Center Engine Isolator
FALCON 50EX	LM-833-SA20-6 SA18-1	4/2	Side Engines
FALCON 50EX	LM-833-SA21/-SA22	2 / 1	Center Engine Isolator

MODEL	LORD PART NO.	NO. PER A/C	SPECIAL INFORMATION
<b>DeHAVILLAND</b>			
DHC6-100/200/300	J-23379-1	6	5906-2SA5 Ovhl Parts Kit
<b>EMBRAER</b>			
EMB-810	J-9613-58	8	
EMB-820	J-9613-12	8	
<b>GAF AUSTRALIA</b>			
N 22B, N24A	LM-206-SA8-1	6	
<b>GULF AMERICAN</b>			
AA-1	J-6113-5	8	
AA-1C, AA-5, AA-5A	J-7402-24	4	
AA-5B	J-9613-49	4	S/N 0001-0399
AA-5B, AG-5B	J-9613-59	4	S/N 0399 & up
AA-IA, B	J-6113-5	8	
GA-7	J-9613-49	8	
111, 112, 112B, 112T, 112TCA	J-9613-40 / -53	2 ea.	
500	J-3804-20	8	
<b>HELIO</b>			
H-250	J-9613-12	4	
<b>LAKE AIRCRAFT</b>			
LA-4A, LA-4-200	J-7402-6	4	
<b>LEARJET</b>			
28, 29	LM-308-SA4	2	*
23, 24, 24D/E, 28, 29	LM-308-19, -33	4 / 2	*
23, 24	LM-308-SA4	2	*
24D, E	LM-308-SA4	2	*
35, 35A, 36, 36A	LM-833-SA4 / -SA5	4 / 2	
<b>MAULE</b>			
M-4-210, -210C, S, T, M-5-210C	J-7764-10	4	
M-5-235C, M-6-235	J-7764-20	4	
<b>MOONEY</b>			
M20B	J-7402-1	4	S/N 1701 to 1939
M20C	J-7402-1	4	S/N 1940 to 20-1258
M20D	J-7402-1	4	S/N 101-260
M20E	J-7402-16	4	S/N 101 to 470
M20E	J-9613-12	4	S/N 471 to 21-1180
M20F	J-9613-12	4	S/N 1 thru 22-1438
M20G (1968 - 70)	J-7402-1	4	680001 to 700006
M20Jv	J-9613-40	4	S/N 24-0001 & up
M20K (1979 - 85)	J-9613-58	4	1 Con TSI0-360-GB1

MODEL	LORD PART NO.	NO. PER A/C	SPECIAL INFORMATION
M20K (1979 - 85)	J-9613-75 / -76	1 / 3	1 Con TSI0-360-GB3 or -MB1
M20 various	J-11968-14		Landing Gear Shock
<b>NEW ZEALAND AERO</b>			
FU24-954	J-9613-9 / -24	2 ea.	
FU24A-954	J-9613-9 / -24	2 ea.	
<b>PARTENAVIA</b>			
P-68	J-9613-40	4	
<b>PIPER</b>			
620 XL, -31T2	LM-423-SA1, -SA12	2	
PA-23-250	J-3804-20	8	S/N 27-1 to 27-2504
PA-23-250	J-9613-12	8	
PA-23-250T	J-9613-12	8	
PA-24-250	J-3804-20	4	S/N 24-103 up
PA-24-250	J-3804-41	4	w/McCauley Prop STC
PA-24-260	J-3804-20	4	S/N 24-33642/400-4782
PA-24-400	J-9613-24 / -9	2 ea.	
PA-25-235	J-3804-20	4	
PA-25-260	J-3804-20	4	
PA-28-140	J-7402-16	4	S/N 20002-24999
PA-28-140	J-9613-40 / -53	2 ea.	S/N 7, 225, 001 & up, 25000-7,125, 641
PA-28-150	J-7402-16	4	
PA-28-150	J-7402-24	4	
PA-28-151	J-9613-40 / -53	2 ea.	
PA-28-160	J-7402-16	4	S/N 1-507
PA-28-160	J-7402-24	4	S/N 28-1479 to 1760
PA-28-161	J-9613-40 / -53	2 ea.	
PA-28-180	J-7402-16	4	S/N 1761-4377
PA-28-180	J-7402-24	4	S/N 330-5149
PA-28-180	J-9613-40	4	S/N 5150 & up
PA-28-181	J-9613-40	4	
PA-28-236	J-9613-12	4	
PA-28R-180	J-9613-40	4	S/N 30001 & up
PA-28R-200	J-9613-40	4	S/N 35001 & up
PA-28R-201	J-9613-40	4	S/N 28R-7737002 & up
PA-28R-201T	J-9613-58	4	
PA-28S-160	J-7402-16	4	S/N 508-1478, 1761-4377
PA-30	J-9613-19	8	
PA-31	J-9613-12	8	

MODEL	LORD PART NO.	NO. PER A/C	SPECIAL INFORMATION
PA-31-300	J-9613-30	8	
PA-31-310	J-9613-12	8	
PA-31-325	J-9613-12	8	*
PA-31-350	J-9613-29	8	*
PA-31T-1, -500, -620	LM-423-SA1 / SA12	4 / 2	
PA-32-260	J-3804-27	4	S/N 32-570 & up
PA-32-260	J-7402-20	4	S/N 32-1 to 32-569
PA-32-300	J-3804-27	4	S/N 32-40001 to 32-7240055
PA-32-300	J-3804-40	4	S/N 7240056 & up
PA-32-301	J-9613-12 / -19	2 ea.	
PA-32R-300	J-3804-31	4	S/N 32R7680001 & up
PA-32R-300	J-3804-40	4	S/N 32R7680141 & up
PA-32R-301	J-9613-12 / -19	2 ea.	
PA-32RT-300	J-3804-40	4	
PA-32RT-300T	J-3804-37 / -39	2 ea.	
PA-34-200	J-9613-40	4	
PA-34-200, 200T	J-9613-58	4	
PA-38-112	J-7402-16	4	
PA-39	J-9613-19	8	
PA-44-180T	J-9613-40	8	
PA-46-310P MALIBU	J-9613-55	4	8408001-87, 8508109-109, 4608001-140
PA-46-350P	J-9613-55	4	S/N 4622001 & up
<b>RAYTHEON</b>			
E18S-H18S	J-5384-1 / J-5385-1	4 ea.	
19A, M19A, B19	J-7402-16	4	
A23, A23-24	J-10778-4	4	
C-23	J-7402-16	4	
24, A24/R, B24R, C24R	J-10778-14 / -16	2 ea.	
E33, F33	J-7518-2	4	
E33A, C, F33A, C, G33	J-10520-1	4	
35, A35, B35	J-2245-1	8	
E35, F35, G35	J-3049-17	8	
H35 thru P35	J-7518-2	4	
S35, T35, V35A, V35B / TC	J-10520-1	4	
36, A-36	J-10520-1	4	
A36TC	J-10520-1	4	
B50, C50	J-3804-10	8	
E50, F50, G50, H50, J50	J-6545-1	4	

MODEL	LORD PART NO.	NO. PER A/C	SPECIAL INFORMATION
55, A55, B55	J-7518-2	4	S/NTC1 to TC15
55, A55, B55, B55A	J-9613-5	4	S/N TC176 thru TC-1254
C55, C55A, D55, D55A, E55, E55A	J-10778-16	8	
56TC, A56TC	J-9613-9	8	
58	J-10778-16	8	
58P, 58TC	J-12453-12	8	
60, A60, B60	J-9613-9	8	
65, A65	J-6545-1	8	
70	J-6545-1	8	
76, 76TC	J-9613-49 / -50	2 ea.	
77	J-7402-1	4	
80, A80, B80	J-6545-1	4	
95, B95, B95A	J-7402-1	8	
D95A, E95	J-7402-1	8	
C90, C90A	LM-427-SA7	6	
E90, F90, A100	LM-427-SA7	6	
B100	LM-821-SA49/-SA50	4 / 2	
200, B200, 200C, 200CT	LM-427-SA7	8	
C90, E90, C99	LM-427-SA12	3	Overhaul Kit for Barry Controls P/N 5906-2SA9
200, 200C, 200CT, A200, A200C/CT, B200, B200C/CT/T	LM-427-SA12	4	Overhaul Kit for Barry Controls P/N 5906-2SA9
MU-2B-20	LM-821-SA40/-SA41	4 / 2	S/N 224 & up
MU-2B-25/-26	LM-821-SA47 / -SA48	4 / 2	S/N 280 & up
MU-2B-60	LM-821-SA47 / -SA48	4 / 2	all effective S/N
MU-300, MU-300-10	LM-420-SA15 / -SA16	4 / 2	
400	LM-420-SA15 / -SA16	4 / 2	
<b>RILEY</b>			
Dove Convers.	J-9613-9	9	
<b>SHORT BROS.</b>			
SC, 7, Series 3	LM-821-SA22/24/31	2 ea.	
<b>SIAI-MARCHETTI</b>			
S-208, SF-260 / M / W	J-3804-40	4	
<b>SOCATA</b>			
235C, E	J-9613-40	4	

# MAINTENANCE OF BONDED SANDWICH MOUNTINGS AND ASSEMBLIES

For type certificated aircraft, you must use the FAA approved component maintenance manual.

## 1. General Comments

Bonded sandwich assemblies are natural rubber or specially blended synthetic compounds bonded to two plates. The normal installation requires four assemblies, each consisting of two sandwich mountings and one spacer. Satisfactory performance requires that the spacer be designed to the correct length to precompress each mounting to guarantee proper positioning of the mountings. When properly installed, these mountings provide excellent isolation of engine vibration, resulting in smoother, quieter flight. Always order replacement mountings by the mounting assembly number to ensure the correct spacer.

## 2. Visual Inspection Of Installed Mountings

At each annual inspection and at FAA-required inspections of the aircraft's engines, all mounting assemblies should be visually inspected in their installed state while supporting the engine weight. The correct visual inspection procedure is as follows:

- Inspect all bonded sandwich mountings for metal-to-rubber bond separations, flex cracks, rubber deterioration due to exposure to fluids, and mechanical damage such as cuts in the rubber surface.
- Visually inspect all bonded steel parts for cracks and excessive nicks, scratches or gouges.
- Inspect all nut locking wires for looseness and tighten as necessary.
- When applicable, measure all drift indicators in each mounting assembly for excessive deflection.
- Whenever any of the conditions detailed above in steps a, b and d are found, remove the mounting assembly from the engine, disassemble, inspect and repair it as described in the maintenance manual.

CAUTION: WHENEVER THE AIRCRAFT'S ENGINES ARE CLEANED DURING A NORMAL INSPECTION, COVER EACH MOUNTING ASSEMBLY TO PROTECT IT FROM CONTAMINATION BY CLEANING FLUIDS OR SOLVENTS. THIS ALSO APPLIES TO ENGINE LUBRICANTS. SHOULD ANY SUCH MATERIALS ACCIDENTALLY GET ON A MOUNTING ASSEMBLY, WIPE IT OFF THOROUGHLY AS SOON AS POSSIBLE WITH A CLEAN, DRY RAG.

## 3. Disassembly

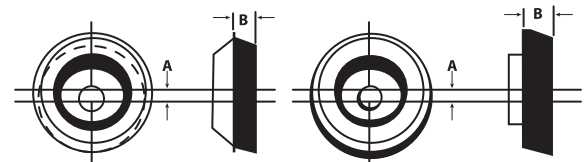
To remove mounting assemblies from the installation, it is necessary to remove the engine weight from the mountings, by the use of a chain hoist or equivalent, and disconnect the nuts and bolts which hold the mountings in place. In general, removal of one mounting at a time can usually be accomplished, if necessary, without removing the engine weight from the mountings.

## 4. Cleaning & Inspection

- Wipe oil and dirt from bonded mountings, but do not dip in cleaning solvents.
- Steel bolts and spacers should be inspected for cracks or damaged threads. Examine spacers for crushing of ends, caused by excessive tightening torque on bolt. Replace if either condition is apparent.
- Examine bonded rubber mounting for oil swelling, bond or rubber separation and shear or compression set. Bond separation, oil swelling or flex cracks in the surface of the rubber are cause for rejection. The effects of shear and compression set are determined by measuring the dimensions shown on the sketch. Reject parts which have an eccentricity greater than dimension "A" or an overall thickness less than dimension "B"

Mounting Series Number	Eccentricity Max. "A"	Thickness Min. "B"
J1552	0.05	0.29
J2245	0.06	0.45
J3049	0.07	0.71
J6113	0.05*	0.39
J7401	0.06	0.75
J7530	0.06*	0.75
J7649	0.06*	0.75
J7763	0.08	1.02
J8381	0.06	0.75
J9555	0.06*	0.75
J9612	0.08	1.22
J10533	0.10*	0.80
J10776	0.10*	1.01
J12165	0.20	1.00
J12397	0.20	0.86
J12454	0.20	1.30
J12799	0.20	1.28
J13051	0.23	1.40
J15199	0.40	1.60
J7763-34 (BTR-II)	0.14	1.02
J9612-30 (BTR-II)	0.14	1.20
J9612-32 (BTR-II)	0.12	1.20

\*From original position (see installation drawing)



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LORD provides valuable expertise in adhesives and coatings, vibration and motion control, and magnetically responsive technologies. Our people work in collaboration with our customers to help them increase the value of their products. Innovative and responsive in an ever-changing marketplace, we are focused on providing solutions for our customers worldwide ... Ask Us How.

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