



Alternator Bearings

AC Part Number	Approved Replacement For	Eligibility
642438AC Needle Bearing 	Teledyne Continental Motors Part No. 642438 as used in TCM alternators: 646843, 24V60A 646490, 24V60A 642055, 24V60A 649304, 24V100A 646491, 24V100A 642056, 24V100A	Teledyne Continental Motors IO-520, IO-550, TSIO-520, TSIO-550, and GTSIO-520 with gear driven alternators
646492AC Single Row Ball Bearing	Teledyne Continental Motors Part No. 646492 as used in TCM alternators: 646843, 24V60A 646490, 24V60A 642055, 24V100A	Teledyne Continental Motors IO-520, IO-550, TSIO-520, TSIO-550, and GTSIO-520 with gear driven alternators
646495AC Single Row Ball Bearing	Teledyne Continental Motors Part No. 646495 as used in TCM alternators: 649304, 24V100A 646491, 24V100A 642056, 24V100A	Teledyne Continental Motors IO-520, IO-550, TSIO-520, TSIO-550, and GTSIO-520 with gear driven alternators
X-3626AC Single Row Ball Bearing	Kelly Aerospace Power Systems Part No. X-3626A as used in Kelly alternators: ALV-8511 ALV-8512 ALV-9510	Textron Lycoming 360, 540, 720 series Teledyne Continental Motors IO-520-A, IO-520-C, TSIO-520-E, GTSIO-520-C with ALV 9510; IO-470-V with ALV-8511 Raytheon Aircraft Company - Beechcraft E55, E55A, 58, 58A with ALV-9510
X-4086AC Single Row Ball Bearing	Kelly Aerospace Power Systems Part No. X-4086 as used in Kelly alternators: ALV-6403 ALV-8402 ALV-8511, -8512 ALV-9401, -9405 ALV-9406, -9407 ALV-9510	Textron Lycoming 360,540,720 series, TIGO-541, VO-435; Teledyne Continental Motors IO-520-A, IO-520-C, TSIO-520-E, GTSIO-520-C with ALV 9510; IO-470-V with ALV-8511 Raytheon Aircraft Company Beechcraft E55, E55A, 58, 58A with ALV-9401, ALV-9510
X-4087AC Single Row Ball Bearing	Kelly Aerospace Power Systems Part No. X-4087 as used in Kelly alternators: ALT-9405 ALT-9422, -9522 ALU-9404, -9422, -9522 ALV-6403 ALV-8402 ALV-9401, -9405 ALV-9406, -9407 ALX-9404 series ALX-9405 ALX-9422 series ALX-9522 ALX-9424, -9524	Textron Lycoming 360,540,720 series, TIGO-541 VO-435, GO-480. Teledyne Continental Motors IO-520, IO-550, TSIO-520, and GTSIO-520 series with gear driven alternator ALU-9522, ALX-9522, ALX-9524; Raytheon Aircraft Company Beechcraft D55, D55A, E55, E55A, 5B, 5BA, 95-C55, 95-C55A with ALT-9422

**Alternator Bearings
 (continued)**

AC P/N	Approved Replacement For	Eligibility
<p>X-4130AC Needle Bearing</p> 	<p>Kelly Aerospace Power Systems Part No. X-4130 as used in Kelly alternators: ALE-6400, -6500 series ALE-8400, -8500 series ALH-5400, -5500 series ALT-8400, -8500 series ALT-9400, -9500 series ALU-6400, -6500 series ALU-8400, -8500 series ALU-9400, -9500 series ALX-6400, -6500 series ALX-8400, -8500 series ALX-9400, -9500 series ALY-6400, -6500 series ALY-8400, -8500 series ALZ-8400, -8500 series DOFF10300B DOFF10300D DOFF10300E DOFF10300F DOFF10300J ES4000 series EOFF10300AA E3FF10300AA EOFF10300BA E3FF10300BA 4111810</p>	<p>Textron Lycoming O-235, O-320, O-360, IO-360, HIO-360, O-540, IO-540, IO-720 series, GO-480, VO-435, TIO-540-U2A, LTIO-540-U2A.</p> <p>Teledyne Continental Motors IO-520-B,-C,-D, -F; TSIO-360-E,-F,-GB, -KB; LTSIO-360-E,-KB.</p> <p>American Champion Aircraft Corp. - Bellanca 7ECA with Lyc O-235-C1, 7GCAA, 7GCBC, 7KCAB.</p> <p>Raytheon Aircraft Company - Beechcraft D55, D55A, E55, E55A, E55B, E55BA, 95-C55, 95-C55A, 95-B55, 95-B55A.</p> <p>The New Piper Aircraft Company Piper PA-28 series airconditioned, with Lycoming IO-360-C1C, O-320-E2A, -D2A</p> <p>Cessna Aircraft Company 152, 172, 177, 177RG, 180, 182RG, 182, 185, 206, 210</p> <p>SOCATA Groupe Aerospatiale TBM700 with ALU-8421S</p>
<p>X-4612AC Single Row Ball Bearing</p>	<p>Kelly Aerospace Power Systems Part No. X-4612 as used in Kelly alternators: ALE-6400, -6500 series ALE-8400, -8500 series ALH-5400, -5500 series ALM-5103 ALT-8400, -8500 series ALU-6400, -6500 series ALU-8400, -8500 series ALX-6400, -6500 series ALX-8400, -8500 series ALX-9400, -9500 series ALX-9425, ALX-9525 ALY-6400, -6500 series ALY-8400, -8500 series ALZ-8400, -8500 series DOFF10300B DOFF10300D DOFF10300E DOFF10300F DOFF10300J ES4000 series EOFF10300AA E3FF10300AA EOFF10300BA E3FF10300BA 4111810</p>	<p>Textron Lycoming 235,320,360,540,720 series GO-480, VO-435.</p> <p>Teledyne Continental Motors IO-520-B,-C,-F; TSIO-350-E,-F,-GB, -KB,-LB; LTSIO-360-E,-KB.</p> <p>American Champion Aircraft Corp. - Bellanca 7ECA with Lyc O-235-C1; 7GCAA, 7GCBC, 7KCAB.</p> <p>Raytheon Aircraft Company - Beechcraft D55, D55A, E55, E55A, E55B, E55BA, 95-C55, 95-C55A, 95-B5, 95-B55A.</p> <p>The New Piper Aircraft Company Piper PA-28 airconditioned with Lycoming IO-360-C1C, O-320-E2A, -D2A</p> <p>Cessna Aircraft Company 152, 172, 177, 177RG, 180, 185, 182, 182RG, 206, 210</p> <p>SOCATA Groupe Aerospatiale TBM700 with ALU-8421RS</p>