

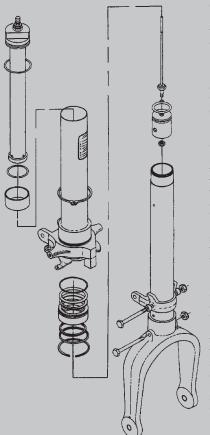
## Landing and Nose Gear Nose Strut Parts

FAA-PMA Approved

### Why Does My Cessna Nose Strut Keep Leaking Down? By Dave McFarlane

Cessna Nose strut "leak down" has plagued Cessna owners for the last 65 years. Why is it that a month after you reseal the nose strut you find the strut down again or just low and showing signs of a little MIL-5606 on the pretty chrome? It always happens on Sunday when no one is around to help you service it. You service it up the next week only to have it do it again next month. After several strut reseals most people just resign to servicing it often and consider it part of owning a Cessna. Piper and Beech struts do not leak down or need to be resealed often and they are high pressure!

With a strong belief that everything that goes wrong on an airplane has a reason that can be explained by physics, we did some research. It was observed that the low time leaking O-ring that was removed always showed signs of being slightly twisted and otherwise like new. Further experiments and close evaluations proved that the O-ring would twist from friction caused by an oxidized hydraulic fluid film on the chrome strut. You probably have noticed how MIL-5606 hydraulic fluid tends to dry and get sticky after it is exposed to air. Add a little runway dust to the back side of the strut and it really gets sticky. The low operating pressures of the Cessna strut does not put a lot of holding pressure to stabilize the sealing O-ring. It was observed that the sticky film on the chrome strut can grab and adhere to the O-ring during a normal strut action cycle. If the sticky film is not evenly dispersed on the strut, the O-ring is rolled a little on the filmy side only. This uneven rolling action puts a slight twist in the O-ring. This slight twist can break the normal seal between the strut and the



O-ring allowing a slow unpredictable leak. It seemed logical that if you lowered the friction on the O-ring surface you could eliminate the problem. A hunt was on for a low friction O-ring that would resist being rolled and would have good durability. After many experiments with Teflon® coated and other specialty O-rings only partial success was achieved. They either were not as durable or the sealing characteristics were not as good as the standard rubber O-ring.

A break finally came at Airventure Oshkosh when Tony Brand of Horsham Aviation Services located in Horsham, Victoria, Australia came by and explained how they solved the problem. They had observed the same twisting of the strut O-ring and went on to explain how they replaced the round O-ring with a square ("X" style) O-ring that can not rotate. The standard backup rings were simply reversed to match the square sides of the new style O-ring. The "X" O-rings have the same material as the standard ones. Brilliant! Why didn't we think of that!? We rushed home and changed all the O-ring seals in five of the airplanes on the field. One of them was our 152 trainer that takes a lot of abuse. We were going to find out if those innovative Aussies knew what they were talking about. Sure enough, that was almost five years ago and we have never had to service the nose strut (not even with air) on any of the aircraft with the square O-rings! My hat goes off to the boys from Down Under for saving the industry thousands of man hours every year and making the Cessna fleet more reliable! Thank you!

Our FAA-PMA seal kit, P/N MCSK172-1F now includes the square ("X" style) O-ring and instructions for reversing the back up rings.

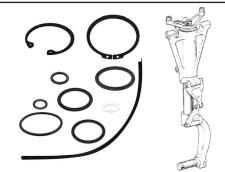
### Main and Nose Strut Seal and Repair Kits for Piper Aircraft Vast Eligibility for Pipers: PA-22 thru PA-46 aircraft

McFarlane has main and nose, strut seal kits and repair kits for Piper aircraft. Kits are model and serial number specific giving you only the parts required, saving you time and money. All components are industry standard or original Piper parts.

- Save time and money!
- Reference your model and serial number for the best fit kit
- One kit = parts for one strut

*PSS seal kits contain rubber and plastic parts. PSR repair kits contain the required PSS seal kit and commonly needed metal parts.* 





		Main Strut				Nose Strut				
Aircraft Model	Serial Number	Seal Kit	Qty	Repair Kit	Qty	Seal Kit	Qty	Repair Kit	Qty	
PA-22, PA-22-108, PA-22-135, PA-22-150, PA-22-160, PA-22S-135, PA-22S-150, PA-22S-160	All	N/A	N/A	N/A	N/A	PSS-KT-19	1	PSR-KT-31	1	
PA-23, PA-23-160	All	PSS-KT-3	2	PSR-KT-77	2	PSS-KT-3	1	PSR-KT-77	1	
PA-23-235, PA-23-250, PA-E23-250	All	PSS-KT-3	2	PSR-KT-14	3	PSS-KT-3	1	PSR-KT-14	3	
PA-24, PA-24-250, PA-24-260, PA-24-400	All	PSS-KT-1	2	PSR-KT-1	2	PSS-KT-1	1	PSR-KT-1	1	
PA-28-140, PA-28-150,	28-01 thru 28-3281 28-10003 thru 28-10719 28-20002 thru 28-21639	-PSS-KT-10	2	PSR-KT-34	2	PSS-KT-19	1	PSR-KT-75	1	
PA-28-160	28-3282 thru 4377 28-10720 thru 28-7710089 28-21640 thru 28-7725290	r 33-K1-10		r 3K-K I-34	2	PSS-KT-20	1	PSR-KT-60	1	
PA-28-151	All	PSS-KT-36	2	PSR-KT-58	2	PSS-KT-18	1	PSR-KT-26	1	

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# Landing and Nose Gear Nose Strut Parts



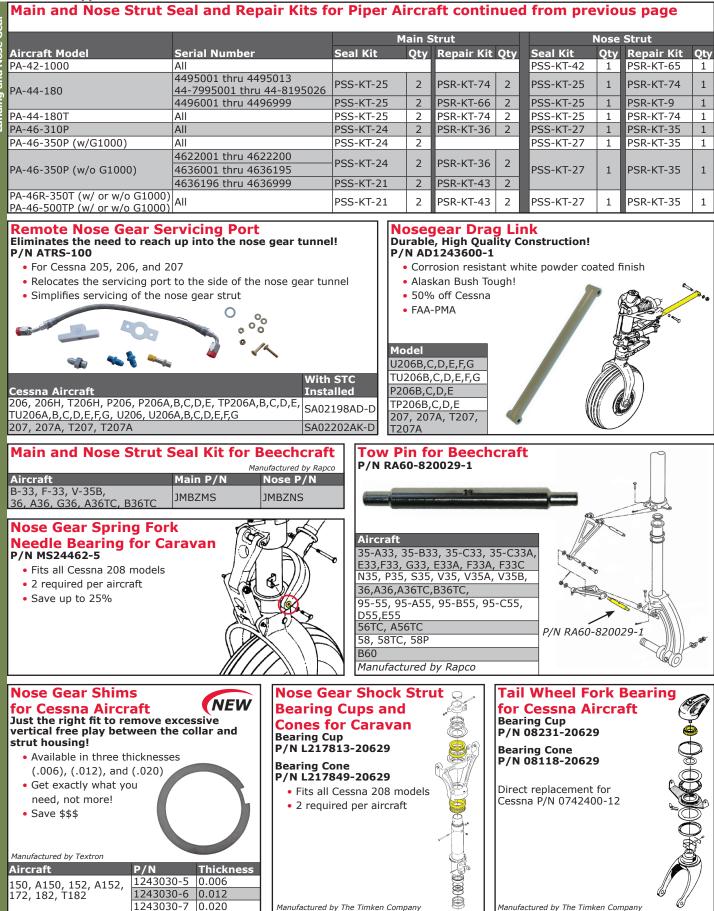
PA-28-180     28-3262 thru 28-720328     PS-KT.     1     PS-KT.     2     PS-KT.     1     PS-KT.     1     PS-KT.       PA-28-181     28-70001 thru 28-700200     PS-KT.33     2     PS-KT.     2     PS-KT.     1     PS-KT.       PA-28-181     28-769001 thru 28-870020     PS-KT.33     2     PS-KT.     2     PS-KT.     1     PS-KT.     1     PS-KT.       PA-28-201T     All     PS-KT.10     2     PS-KT.12     PS-KT.12     PS-KT.12     PS-KT.14     1     PS-KT.       PA-28R-201T     All     PS-KT.20     PS-KT.10     2     PS-KT.14     2     PS-KT.14     1     PS-KT.14		Seal and Repair Kits for		1010	are contin	act			us page	_
281601     281601     281601     PS-KT-36     2     PS-KT-58     2     PS-KT-58     2     PS-KT-58     2     PS-KT-58     1     PS-KT       28-2011     714001     Hru 28-656057     PS-KT-10     2     PS-KT-58     2     PS-KT-20     1     PS-KT-20     1 </th <th></th> <th></th> <th colspan="4">Main Strut</th> <th colspan="4">Nose Strut Seal Kit Qty Repair Kit Qt</th>			Main Strut				Nose Strut Seal Kit Qty Repair Kit Qt			
A-28-161     281601 thru 281619 (242001 thru 284395) (242001 thru 28.661057)     SS-KT-36     2     PSR-KT-58     2     PSR-KT-58     1     PSR-KT (25771601 thru 28.661057)       A-28-180     28.3321 rru 28.702528     PSS-KT-30     2     PSR-KT-58     2     PSS-KT-20     1     PSR-KT (25771501 thru 28.702528)       A-28-180     28.3021 rru 28.7020 thru 28.650002 (2483001 thru 28.650002)     PSS-KT-33     2     PSR-KT-58     2     PSS-KT-20     1     PSR-KT (25771601 thru 28.7020 thru 28.702012)       A-28R-180, PA-28R-200     Ali     PSS-KT-13     2     PSR-KT-8     2     PSS-KT-36     1     PSR-KT (257871)     1     PSR-KT (27871001 thru 28.702017)       A-28R-201     28.3001 thru 28.702012     PSS-KT-11     2     PSR-KT-8     2     PSS-KT-16     1     PSR-KT (27871001 thru 28.701097       A-28R-201T     28.10001 thru 28.701099     PSS-KT-11     2     PSR-KT-16     2     PSR-KT-16     1     PSR-KT (2877161	Aircraft Model	Serial Number	Seal Kit	Otv	Repair Kit	Otv	Seal Kit	Otv	Repair Kit	0
Ar-Be 161   2842001 thru 28-8616057   Z   PSr-K1-38   Z   PSr-K1-38   Z   PSr-K1-10   1   PS										
284301     1011 024399     55     1011 02	A 20.161	2841001 thru 2841365		_			DCC I/T 10			
A-28-180     28-671 thru 28-720528     PSS-KT-10     2     PSK-KT-34     2     PSS-KT-20     1     PSR-KT       A-28-180     28-730501 thru 28-7055260     PSS-KT-34     2     PSS-KT-34     1     PSS-KT-20     1     PSS-KT-20     1     PSS-KT-34     2     PSS-KT-34     1     PSS-KT-34     2     PSS-KT-34     2     PSS-KT-34     1     PSS-KT-34     1     PSS-KT-34     1     PSS-KT-34     2     PSS-KT-34     2     PSS-KT-34     1     PSS-KT	PA-28-161	2842001 thru 2842999	PSS-K1-36	2	PSR-K1-58	2	PSS-KI-18	1	PSR-K1-26	:
A-28-180   28-328 thru 28-720524   PS-KT-10   2   PS-KT-30   1   PS-KT     A-28-181   28-73050 thru 28-750052   PS-KT-30   2   PS-KT-30   2   PS-KT-30   1   PS-KT     A-28-181   28-73050 thru 28-850062   PS-KT-33   2   PS-KT-31   2   PS-KT-31   2   PS-KT-31   2   PS-KT-31   1   PS-KT-31   1   PS-KT-31   2   PS-KT-31   1   PS-KT-31   2   PS-KT-31   1<										
A-28 180   28 - 328 thru 28 - 720524   PS - KT.   1   PS - KT.   2   PS - KT.   1   PS - KT.     A-28 - 181   28 - 73050 thru 28 - 800524   PS - KT.   2   PS - KT.   2   PS - KT.   1   PS - KT.     A-28 - 180, PA - 28 - 200   All   PS - KT.   2   PS - KT.   2   PS - KT.   1   PS - KT.     A-28 - 201   All   PS - KT.   2   PS - KT.   2   PS - KT.   1   PS - KT.     A-28 - 201   All   PS - KT.   2   PS - KT.   2   PS - KT.   2   PS - KT.   1   PS - KT.     A-28 - 201   28 - 73000 thru 28 - 700301   PS - KT.   2   PS - KT.   2   PS - KT.   1   PS - KT.   1   PS - KT.   2   PS - KT.   1   PS - KT.   1   PS - KT.   2   PS - KT.   1   PS - KT. <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>PSS-KT-19</td> <td>1</td> <td>PSR-KT-75</td> <td></td>							PSS-KT-19	1	PSR-KT-75	
28-730501 thru 28-750260     PSS-KT-26     2     PSS-KT-26     2     PSS-KT-26     1     PSR-KT       A-28-181     22-7590001 thru 28-850062     PSS-KT-12     2     PSR-KT     2     PSS-KT-20     1     PSR-KT       A-28-101     All     PSS-KT-12     2     PSR-KT-14     2     PSS-KT-14     1     PSR-KT       A-28-201T     All     PSR-KT-12     2     PSR-KT-14     2     PSR-KT-14     1     PSR-KT       A-28-201T     288/773/7002 thru 28/70307     PSS-KT-11     2     PSR-KT-16     2     PSR-KT-8     1     PSR-KT       A-28-201T     28/7001 thru 28/700301     PSS-KT-11     2     PSR-KT-8     2     PSR-KT-8     1     PSR-KT       A-28-236     29/1001 thru 28/107030     PSS-KT-11     2     PSR-KT-14     2     PSS-KT-26     1     PSR-KT       A-31     31-2 thru 31-7812120     PSS-KT-31     2     PSR-KT-46     2     PSS-KT-26     1     PSR-KT       A-31-300     31-7812120     PSS-KT-28     2     PSR-KT-46 </td <td>PA-28-180</td> <td></td> <td>PSS-KT-10</td> <td>2</td> <td>PSR-KT-34</td> <td>2</td> <td></td> <td></td> <td>PSR-KT-60</td> <td></td>	PA-28-180		PSS-KT-10	2	PSR-KT-34	2			PSR-KT-60	
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A-2.8-181     28-7690001 thru 28.46900     PS-K 1-30     Z     PS-K 1-70     I     PS-K 1-70     PS-K 7-70     PS-K 7-70 <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>-</td><td></td><td>F</td></th<>								-		F
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A2.2201T     AII     PPS-KT-31     2     PS-KT-37     1     PS-KT-37     1     PS-KT-37     1     PS-KT-37     1     PS-KT-37     1     PS-KT-37     1     PS-KT-12     PS-KT-12     PS-KT-12     1     PS-KT-12     1     PS-KT-12     1     PS-KT-12     1     PS-KT-12     1     PS-KT-37     1     PS-KT-37     1     PS-KT-12     1     PS-KT-12     1     PS-KT-12     1     PS-KT-12     1     PS-KT-37     1										:
A 28R-201     2844001 thm 2844999     PSS-KT-12     2     PSS-KT-12     2     PSS-KT-12     1     PSS-KT-14     1     PSS-KT-14     1     PSR-KT       A-28R-2011     2887.777.000 thm 288.7837317     PSS-KT-11     2     PSR-KT-17     2     PSS-KT-18     1     PSR-KT       A-28R-201, PA-28RT-201     All     PSS-KT-12     2     PSR-KT-17     2     PSS-KT-12     1     PSR-KT-15     1     PSR-KT-25     1     PSR-KT-20     1     PSR-KT-30     1										
A-28R-201   287.773/02 thru 288.733712 288.77370 uthru 288.733711 288.77370 uthru 288.73371 pSs-KT-11   SS-KT-11   2   PSR-KT-8   2   PSS-KT-48   1   PSR-KT     A-28R-2017   281.0001 thru 28.703373 288.7703 001 thru 28.7019 28-31001 thru 28.71009   PSS-KT-12   2   PSR-KT-8   2   PSS-KT-20   1   PSR-KT     A-282-236   281.0001 thru 28.71009 28.721001 thru 28.71009   PSS-KT-10   2   PSR-KT-44   2   PSS-KT-10   1   PSR-KT     A-282-236   281.0101 thru 28.611008 28.7911001 thru 28.611008   PSS-KT-11   2   PSR-KT-44   2   PSS-KT-13   1   PSR-KT     A-31   31.2 thru 31.78121201 31.78121201 thru 31.8312016 31.6312011 thru 31.8312016 31.6312011 thru 31.8312016 31.6312011 thru 31.8312016 31.6312011 thru 31.8312016 PSS-KT-22   PSR-KT-46   2   PSS-KT-34   1   PSR-KT     A-31350   31.2 thru 31.8312010 31.8312011 thru 31.8312016 31.8312011 thru 31.8312016 31.83	A-28-201T							1	PSR-KT-59	
288.773702 thru 288.783717     295.KT-11     2     PSR.KT-8     2     PSS.KT-8     2     PSS.KT-8     1     PSR.KT-8       A-28R-201     A.28R-201 thru 28.700337     PSS.KT-11     2     PSR.KT-7     2     PSR.KT-7     2     PSS.KT-12     2     PSS.KT-13     1     PSS.KT-25     1     PSS.KT-26     1     PSS.KT-31     2     PSR.KT-3     2     PSS.KT-31     1     PSS.KT-31     1 <td></td> <td>2844001 thru 2844999</td> <td>PSS-KT-12</td> <td>2</td> <td>PSR-KT-17</td> <td>2</td> <td>PSS-KT-12</td> <td>1</td> <td>PSR-KT-10</td> <td></td>		2844001 thru 2844999	PSS-KT-12	2	PSR-KT-17	2	PSS-KT-12	1	PSR-KT-10	
A 28R - 201T     Constraint of the above and above	A-28R-201	2837001 thru 2837061		2		2		4		
A-28R-201T228R-70001 thru 28/03172 28R-7001 thru 28/03173 28R-7001 thru 28/03173 28-10720 thru 28/71003 28-31001 thru 28/1010 28-31001 thru 28/1010 31-2 thru 31-7812120 31-2 thru 31-7812120 31-2 thru 31-7812120 31-2 thru 31-8312016 31-2 thru 31-8312017 31-2 thru 31-8312016 31-2 thru 31-8312016 31-2 thru 31-8312016 31-2 thru 31-8312017 31-2 thru 31-8312016 31-2 thru 31-816001 31-2 thru 31-816001 <br< td=""><td></td><td>28R-7737002 thru 28R-7837317</td><td>PSS-KI-11</td><td>2</td><td>PSR-KI-0</td><td>2</td><td>PSS-K1-4D</td><td></td><td>PSK-K1-10</td><td></td></br<>		28R-7737002 thru 28R-7837317	PSS-KI-11	2	PSR-KI-0	2	PSS-K1-4D		PSK-K1-10	
A-28R1-201, PA-28R1-2011   All   PSS-K1-12   2   PSS-K1-12   1   PSS-K1-25   1   PSS-K1-36   1   PSS-K1-36 <td< td=""><td>. 200 201<b>T</b></td><td>200000111 2000010</td><td>1</td><td>_</td><td>DOD I/T O</td><td></td><td></td><td></td><td></td><td><math>\square</math></td></td<>	. 200 201 <b>T</b>	200000111 2000010	1	_	DOD I/T O					$\square$
A-28RT-201, PA-28RT-2011   All   281:0001 thru 28:10719   PSS-KT-12   2   PSS-KT-13   1   PSS-KT-23   1   PSS-KT-34   1 </td <td>4-28K-2011</td> <td>28R-7703001 thru 28R-7803373</td> <td>PSS-KI-11</td> <td>2</td> <td>PSR-KI-8</td> <td>2</td> <td>PSS-K1-4B</td> <td></td> <td>PSR-K1-18</td> <td>  :</td>	4-28K-2011	28R-7703001 thru 28R-7803373	PSS-KI-11	2	PSR-KI-8	2	PSS-K1-4B		PSR-K1-18	:
A-28-235   28-10701 thru 28-10703 (28-7310001 thru 28-771009) (28-7310001 thru 28-771009)   PS-KT-10   2   PS-K-T-34   2   PS-K-T-26   1   PS-K-T PS-KT-26   1   PS-KT     A-20-236   2811001 thru 28-61100 (31-281212)   PS-KT-31   2   PS-KT-44   2   PS-KT-15   1   PS-KT     A-30   All   PS-KT-31   2   PS-KT-1   2   PS-KT-1   1   PS-KT     A-31   31-2 thru 31-7812120 (31-7812121 thru 31-8312019   PS-KT-23   2   PS-KT-6   2   PS-KT-34   1   PS-KT     A-31-300   31-2 thru 31-78121019   N/A   N/A   N/A   N/A   N/A   PS-KT-34   1   PS-KT-34   1<	A-28RT-201, PA-28RT-201T	All	PSS-KT-12	2	PSR-KT-17	2	PSS-KT-25	1	PSR-KT-9	
A-2e-235   28-10720 thru 28-7210037 28-7310001 thru 28-701089 28-7310001 thru 28-861108 28-7911001 thru 28-861108 28-7911001 thru 28-861108 31-21 tru 31-7812120 31-21 tru 31-781203 31-21 tru 31-781203 31-21 tru 31-781203 31-21 tru 31-781203 31-21 tru 31-781203 31-21 tru 31-21 tru 31-781203 31-21 tru 31-21 tru 31-781203 31-21 tru 31-21 tru 31-781203 31-21 tru 31-21 tru									PSR-KT-75	
28-7310001 thru 28-7710089     M     M     M     P     F </td <td>Δ-28-235</td> <td></td> <td>PSS-KT-10</td> <td>2</td> <td>DSB-KT-34</td> <td>2</td> <td></td> <td></td> <td>PSR-KT-60</td> <td></td>	Δ-28-235		PSS-KT-10	2	DSB-KT-34	2			PSR-KT-60	
A: 28-236   2811001 thru 2811050, 28-7911001 thru 28-8611008   PSS-KT-31   2   PSR-KT-4   2   PSS-KT-18   1   PSR-KT     A: 30   All   31-2 thru 31-7812120   PSS-KT-12   2   PSR-KT   2   PSS-KT-34   1   PSS-KT-	PA-28-235		P35-KI-10	2	P3K-K1-34	2				_
A-20-230   28-7911001 thru 28-6611008   PS-KT-1   2   PS-KT-44   2   PS-KT-1   1   PS-KT-1     A-30   All   PS-KT-1   2   PS-KT-1   2   PS-KT-1   1   PS-KT-34   1 <td></td> <td></td> <td></td> <td></td> <td></td> <td>PSS-K1-26</td> <td></td> <td>PSR-K1-76</td> <td>1</td>							PSS-K1-26		PSR-K1-76	1
A-30   All   PS-KT-1   2   PS-KT-1   2   PS-KT-1   1   PS-K-T     A-31   31-2 thru 31-78121200   PS-KT-23   2   PS-KT-56   2   PS-KT-34   1   PS-KT     A-31-300, PA-31-325   31-781212100   PS-KT-3312016   PS-KT-23   2   PS-KT-66   2   PS-KT-34   1   PS-KT     A-31-300, PA-31-325   31-7812121 thru 31-8312016   PS-KT-22   2   PS-KT-46   2   PS-KT-34   1   PS-KT     A-31-350   31-3601 thru 31-8312016   PS-KT-22   2   PS-KT-46   2   PS-KT-34   1   PS-KT     A-31-350   All   PS-S-KT-22   PS-KT-47   2   PS-KT-34   1   PS-KT     A-31-350   All   PS-S-KT-21   PS-KT-47   2   PS-KT-33   1   PS-KT     A-31-350   All   PS-KT   PS-KT   PS-KT   2   PS-KT-33   1   PS-KT     A-31T   311-7400002 thru 31-8120100   PS-KT-52   2   PS-KT-53   2   PS-KT-54   PS-S-KT-33   1   PS-KT     A-31T   311-8104004 th	A-28-236		PSS-KT-31	2	PSR-KT-44	2	PSS-KT-18	1	PSR-KT-26	
A-31   31-2 thru 31-7812120 31-7812121 thru 31-8312019 31-7812121 thru 31-8312019 31-7812121 thru 31-8312019 31-7812121 thru 31-8312016 31-8312017 thru 31-8312016 31-8312017 thru 31-8312016 31-8312017 thru 31-8312019 N/A   PSR-KT-56   2   PSR-KT-39   1   PSR-KT     A-31-300, PA-31-325   31-7812121 thru 31-8312016 31-8312017 thru 31-8322036   PSS-KT-22   2   PSR-KT-48   2   PSS-KT-34   1   PSR-KT     A-31-350   31-5001 thru 31-832036   PSS-KT-22   2   PSR-KT-47   2   PSS-KT-34   1   PSR-KT     A-31-350   All   PSS-KT-22   2   PSR-KT-47   2   PSS-KT-34   1   PSR-KT     A-31P-350   All   PSS-KT-12   2   PSR-KT-54   2   PSS-KT-33   1   PSR-KT     A 31T   31T-8100051 thru 31T-810000   PSS-KT-52   2   PSR-KT-54   2   PSS-KT-33   1   PSR-KT     A-311   31T-8104056 thru 31T-810000   PSS-KT-52   2   PSR-KT-54   2   PSS-KT-33   1   PSR-KT     A-311   31T-8104056 thru 31T-8100019   PSS-KT-52   2   PSR-KT-54   2   PSS-KT-33   1   PSR-KT     A-311   31T-8										
AA-31   31-7812121 thru 31-8312016 31-7812121 thru 31-8312016 31-8312017 thru 31-8312016 31-8312017 thru 31-8312016 31-8312017 thru 31-8312019 AA-31-350   PSS-KT-23   2   PSR-KT-56   2   PSS-KT-34   1   PSR-KT PSS-KT-34   1   PSR-KT-34	A-30		PSS-KT-1	2	PSR-KT-1	2		1	PSR-KT-15	
31-761-11200     PSS-KT-23     PSS-KT-34     PSS-KT-33     PSS-KT-33     PSS-KT-34     PSS-KT-33     PSS-KT-33     PSS-KT-34     PSS-KT-33     PSS-KT-34     PSS-KT-33     PSS-KT-34     PSS-KT-34     PSS-KT-33     PSS-KT-34     PSS-KT-34     PSS-KT-33     PSS-KT-34     PSS-KT-33     PSS-KT-34     PSS-KT-34     PSS-KT-33     PSS-KT-34     PSS-KT-33     PSS-KT-33     PSS-KT-34     PSS-KT-34     PSS-KT-34     PSS-KT-33     PSS-KT-33     PSS-KT-34     PSS-KT-33     PSS-KT-33     PSS-KT-33     PSS-KT-33     PSS-KT-33     PSS-KT-33     PSS-KT-33     PSS-KT-34     PSS-KT-33     PSS-KT-34     PSS-KT-34     PSS-KT-34     PSS-KT-34     PSS-KT-34     PSS-KT-34     PSS-KT-34     PSS-KT-34	A 21	31-2 thru 31-7812120		2		2	PSS-KT-34	1	PSR-KT-52	
A-31-300, PA-31-325   31-2 thru 31-7812120 thru 31-8312016 31-8312017 thru 31-8312016 31-8312017 thru 31-8312016   PSS-KT-22   PSR-KT-56   2   PSS-KT-34   1   PSR-KT PSS-KT-34   1   PSR-KT PSS-KT-33   1   P	4-31	31-7812121 thru 31-8312019	P55-K1-25	2	PSR-K1-30	2	PSS-KT-39	1	PSR-KT-62	
A-31-300, PA-31-325   31-7812121 thru 31-8312016   PSK-17-23   2   PSK-17-36   2   PSK-KT-36   2   PSK-KT-36   2   PSK-KT-36   2   PSK-KT-36   2   PSK-KT-36   1   PSK-KT-36   1   PSK-KT-36   2   PSK-KT-36   1   PSK-KT-34   1   PSK-KT-33   1   PSK-KT-33   1   PSK-KT-33   1   PSK-KT-34   1   PSK-KT-33   1   PSK-KT-33   1   PSK-KT-34   1   PSK-KT								1	PSR-KT-52	
31-8312017 thru 31-8312019   N/A   N/A   N/A   N/A   N/A   PS-K1-39   1   PSrkT     A-31-350   31-8352037 thru 8353002   PSS-KT-22   2   PSR-KT-47   2   PSS-KT-34   1   PSR-KT     A-31-350   All   PSS-KT-22   2   PSR-KT-47   2   PSS-KT-34   1   PSR-KT     A-31P   All   PSS-KT-13   2   PSR-KT-67   2   PSS-KT-16   1   PSR-KT     A-31P-350   All   PSS-KT-122   2   PSR-KT-57   2   PSS-KT-33   1   PSR-KT     A-31T   31T-7400002 thru 31T-812005   PSS-KT-52   2   PSR-KT-54   2   PSS-KT-33   1   PSR-KT     A-31T   31T-1040004 thru 31T-814005   PSS-KT-52   2   PSR-KT-54   2   PSS-KT-33   1   PSR-KT     A-31T   31T-816001 thru 31T-816000   PSS-KT-52   2   PSR-KT-54   2   PSS-KT-33   1   PSR-KT     A-31T   31T-816001 thru 31T-8160010   PSS-KT-52   2   PSR-KT-54   2   PSS-KT-33   1   PSR-KT     A-31T2	A-31-300, PA-31-325		PSS-K1-23	2	PSR-KI-56	2				1
A3-350   31-5001 thru 31-8352030   PSS-KT-22   PSR-KT-47   2   PSS-KT-34   1   PSR-KT     A-31-350 (T1020)   All   PSS-KT-22   2   PSR-KT-47   2   PSS-KT-33   1   PSR-KT     A-31P   All   PSS-KT-22   2   PSR-KT-47   2   PSS-KT-33   1   PSR-KT     A-31P   All   PSS-KT-22   2   PSR-KT-47   2   PSS-KT-33   1   PSR-KT     A-31T   31T-7400002 thru 31T-8120050   PSS-KT-52   2   PSR-KT-54   2   PSS-KT-33   1   PSR-KT     A-31T   31T-1104004 thru 31T-8104000   PSS-KT-52   2   PSR-KT-54   2   PSS-KT-33   1   PSR-KT     A-31T   31T-1104004 thru 31T-8104005   PSS-KT-52   2   PSR-KT-54   2   PSS-KT-33   1   PSR-KT     A-31T   31T-1106001 thru 31T-8104005   PSS-KT-52   2   PSR-KT-54   2   PSS-KT-33   1   PSR-KT     A-31T2   31T-1166001 thru 31T-8166001   PSS-KT-52   2   PSR-KT-54   2   PSS-KT-33   1   PSR-KT     A-31T2			N/A	N/A	N/A	N/A	PSS-KT-39	1	PSR-KT-62	
Ar-31-330   31-8352037 thru 8553002   PSS-KT-22   PSR-KT-47   2   PSS-KT-33   1   PSR-KT     A-31-350 (T1020)   All   PSS-KT-13   2   PSR-KT-47   2   PSS-KT-16   1   PSR-KT     A-31P   All   PSS-KT-13   2   PSR-KT-67   2   PSS-KT-16   1   PSR-KT     A-31T   31T-7400002 thru 31T-8120016   PSS-KT-52   2   PSR-KT-54   2   PSS-KT-33   1   PSR-KT     A-31T   31T-7400002 thru 31T-8120104   PSS-KT-52   2   PSR-KT-54   2   PSS-KT-33   1   PSR-KT     A-31T   31T-17604001 thru 31T-8164005   PSS-KT-52   2   PSR-KT-54   2   PSS-KT-33   1   PSR-KT     A-31T3   All   All   DSS-KT-52   2   PSR-KT-54   2   PSS-KT-33   1   PSR-KT     A-31T3   All   All   DSS-KT-52   2   PSR-KT-54   2   PSS-KT-33   1   PSR-KT     A-32-301, PA-32-301T,   All   PSS-KT-32   2   PSR-KT-45   2   PSS-KT-20   1   PSR-KT     A-										
A:3-350 (T1020)   All   PSS-KT-22   2   PSR-KT-47   2   PSS-KT-34   1   PSR-KT     A:31P   All   PSS-KT-13   2   PSR-KT-67   2   PSS-KT-33   1   PSR-KT     A:31P-350   All   PSS-KT-13   2   PSR-KT-47   2   PSS-KT-33   1   PSR-KT     A:31P-350   All   PSS-KT-131   2   PSS-KT-52   2   PSS-KT-33   1   PSR-KT     A:31T   31T-7400002 tru 31T-8104005   PSS-KT-52   2   PSR-KT-54   2   PSS-KT-33   1   PSR-KT     A:31T-8104005 tru 31T-8304003   PSS-KT-52   2   PSR-KT-54   2   PSS-KT-33   1   PSR-KT     A:31T-816001 tru 31T-816000   PSS-KT-52   2   PSR-KT-54   2   PSS-KT-33   1   PSR-KT     A:31T-316601 tru 31T-816000   PSS-KT-52   2   PSR-KT-54   2   PSS-KT-33   1   PSR-KT     A:31T-816601 tru 31T-8166006   PSS-KT-52   2   PSR-KT-54   2   PSS-KT-33   1   PSR-KT     A:31T-316601 tru 31T-8166007   PSS-KT-52   2   PSR-KT </td <td>A-31-350</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>PSS-KT-34B</td> <td>1</td> <td>PSR-KT-52B</td> <td></td>	A-31-350						PSS-KT-34B	1	PSR-KT-52B	
A31P   All   PSS-KT-13   2   PSR-KT-67   2   PSS-KT-16   1   PSR-KT     A-31P-350   All   PSS-KT-30   All   PSS-KT-32   2   PSR-KT-72   2   PSS-KT-33   1   PSR-KT     A-31T   31T-7400002 thru 31T-812000   PSS-KT-52B   2   PSR-KT-54   2   PSS-KT-33   1   PSR-KT     A-31T   31T-1104004 thru 31T-8120104   PSS-KT-52B   2   PSR-KT-54   2   PSS-KT-33   1   PSR-KT     A-31T1   31T-7104005 thru 31T-816005   PSS-KT-52   2   PSR-KT-54   2   PSS-KT-33   1   PSR-KT     A-31T2   31T-816001 thru 31T-8166001   PSS-KT-52   2   PSR-KT-54   2   PSS-KT-33   1   PSR-KT     A-31T3   All   PSS-KT-52   2   PSR-KT-54   2   PSS-KT-33   1   PSR-KT     A-31T3   All   PSS-KT-52   2   PSR-KT-54   2   PSS-KT-33   1   PSR-KT     A-32-301T, PA-32-301T,   All   PSS-KT-32   2   PSR-KT-45   2   PSS-KT-20   1   PSR-KT	A_21_250 (T1020)						DCC-VT-34	1		Г
A:31P-350   All   PSS-KT-32   2   PSR-KT-47   2   PSS-KT-33   1   PSR-KT     A:31T   31T-7400002 thru 31T-812000   PSS-KT-52   2   PSR-KT-54   2   PSS-KT-33   1   PSR-KT     A:31T   31T-7400002 thru 31T-8120104   PSS-KT-52   2   PSR-KT-54   2   PSS-KT-33   1   PSR-KT     A:31T   31T-8120051 thru 31T-8120104   PSS-KT-52   2   PSR-KT-54   2   PSS-KT-33   1   PSR-KT     A:31T   31T-8104056 thru 31T-816000   PSS-KT-52   2   PSR-KT-54   2   PSS-KT-33   1   PSR-KT     A:31T   31T-816001 thru 31T-8166001   PSS-KT-52   2   PSR-KT-54   2   PSS-KT-33   1   PSR-KT     A:31T   31T-8166014 thru 31T-8166003   PSS-KT-52   2   PSR-KT-54   2   PSS-KT-33   1   PSR-KT     A:31T3   All   PSS-KT-52   2   PSR-KT-54   2   PSS-KT-33   1   PSR-KT     A:323-301, PA-32-301, A   All   PSS-KT-52   2   PSR-KT-54   2   PSS-KT-20   1   PSR-KT										
A-31T   31T-740002 tru 31T-8120050   PSS-KT-52B   2   PSR-KT-55   2   PSS-KT-33   1   PSR-KT     A-31T   31T-8120051 tru 31T-8120104   PSS-KT-52   2   PSR-KT-54   2   PSR-KT   PSR-KT   PSR-KT-54   2   PSR-KT   PSR-KT <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td>										-
Ar-311   317-8120051 thru 31T-8120104   PSS-KT-52   2   PSR-KT-54   2   PSS-KT-33B   1   PSR-KT     A-31T1   317-1104004 thru 31T-804000   PSS-KT-52   2   PSR-KT-54   2   PSR-KT-54   2   PSR-KT-54   2   PSR-KT-33B   1   PSR-KT     A-31T1   317-8104056 thru 31T-8104055   PSS-KT-52   2   PSR-KT-54   2   PSS-KT-33B   1   PSR-KT     A-31T2   317-8106001 thru 31T-8166010   PSS-KT-52   2   PSR-KT-54   2   PSS-KT-33   1   PSR-KT     A-31T2   317-8166010 thru 31T-8166076   PSS-KT-52   2   PSR-KT-54   2   PSS-KT-33   1   PSR-KT     A-31T3   All   PSS-KT-32   2   PSR-KT-54   2   PSS-KT-33   1   PSR-KT     A-322.60, PA-32-301T,   All   PSS-KT-12   2   PSR-KT-33   2   PSS-KT-20   1   PSR-KT     A-322.301T, PA-32-301T,   All   PSS-KT-12   2   PSR-KT-33   2   PSS-KT-20   1   PSR-KT     A-322.3001 thru 3213103   PSS-KT-12   2   PSR-KT-13   2<	4-31P-350								PSR-KT-49	
311-8120051 thru 311-8120104   PSS-K1-52   2   PSS-K1-34   2   PSS-K1-33B   1   PSR-K1     311-104006 thru 311-7804000   PSS-KT-52   2   PSR-KT-54   2   PSR-KT-54   2   PSR-K1-34B   1   PSR-KT     311-78104056 thru 311-8104055   PSS-KT-52   2   PSR-KT-54   2   PSS-KT-33B   1   PSR-KT     2A-31T2   311-8106001 thru 31T-8106001   PSS-KT-52   2   PSR-KT-54   2   PSS-KT-33B   1   PSR-KT     2A-31T2   311-8166001 thru 31T-8166007   PSS-KT-52   2   PSR-KT-54   2   PSS-KT-33B   1   PSR-KT     2A-31T3   All   PSS-KT-10   2   PSR-KT-54   2   PSS-KT-33   1   PSR-KT     2A-32-301, PA-32-301T,   All   PSS-KT-10   2   PSR-KT-32   2   PSR-KT   PSS-KT-20   1   PSR-KT     A-32-301, PA-32-301T,   All   PSS-KT-12   2   PSR-KT-13   2   PSS-KT-20   1   PSR-KT     A-32-301, PA-32R-301T   All   PSS-KT-12   2   PSR-KT   2   PSR-KT-13   2   PSS-KT-2 </td <td>A_31T</td> <td></td> <td></td> <td>2</td> <td></td> <td></td> <td></td> <td>1</td> <td>PSR-KT-49</td> <td>1</td>	A_31T			2				1	PSR-KT-49	1
31T-7804001 thru 31T-8104055   PSS-KT-52B   2   PSR-KT-53   1   PSR-KT     31T-8104056 thru 31T-8104003   PSS-KT-52   2   PSR-KT-54   2   PSS-KT-33   1   PSR-KT     2A-31T2   31T-816001 thru 31T-8166001   PSS-KT-52   2   PSR-KT-54   2   PSS-KT-33   1   PSR-KT     2A-31T2   31T-816601 thru 31T-8166013   PSS-KT-52   2   PSR-KT-54   2   PSS-KT-33   1   PSR-KT     2A-31T3   All   PSS-KT-52   2   PSR-KT-54   2   PSS-KT-33   1   PSR-KT     2A-32-260, PA-32-300   All   PSS-KT-10   2   PSR-KT-45   2   PSS-KT-20   1   PSR-KT     2A-32-301, PA-32-301T, A-322-301T, PA-32-301TC   All   PSS-KT-12   2   PSR-KT-45   2   PSS-KT-20   1   PSR-KT     A-322-301, PA-32-301TC   All   PSS-KT-30   PSS-KT-32   2   PSR-KT-45   2   PSS-KT-20   1   PSR-KT     A-322-301, PA-32-301TC   All   PSS-KT-12   2   PSR-KT-51   2   PSS-KT-25   1   PSR-KT     A-322-001		31T-8120051 thru 31T-8120104	PSS-KT-52	2	PSR-KT-54	2	PSS-KT-33B	1	PSR-KT-49B	
2A-31T1   31T-7804001 thru 31T-8104055   PSS-KT-52B   2   PSR-KT-55   2   PSS-KT-53   1   PSR-KT     31T-8104056 thru 31T-8304003   PSS-KT-52   2   PSR-KT-54   2   PSS-KT-33   1   PSR-KT     2A-31T2   31T-8166001 thru 31T-8166001   PSS-KT-52   2   PSR-KT-54   2   PSS-KT-33   1   PSR-KT     2A-31T3   All   PSS-KT-52   2   PSR-KT-45   2   PSS-KT-33   1   PSR-KT     2A-32-260, PA-32-300   All   PSS-KT-52   2   PSR-KT-45   2   PSS-KT-33   1   PSR-KT     2A-32-301, PA-32-301T, A-32-301T, PA-32-301T, A-32-301T, PA-32-301TC   All   PSS-KT-10   2   PSR-KT-45   2   PSS-KT-20   1   PSR-KT     2A-32R-300   All   PSS-KT-12   2   PSR-KT-51   2   PSS-KT-20   1   PSR-KT     2A-32R-301T, PA-32R-301T   All   PSS-KT-12   2   PSR-KT-11   2   PSS-KT-25   1   PSR-KT     2A-32R-301, PA-32R-301T   3246001 thru 3246999   PSS-KT-12   2   PSR-KT-11   2   PSS-KT-26   1		31T-1104004 thru 31T-7804000	PSS-KT-52	2	PSR-KT-54	2		4		
317-8104056 thru 317-8304003   PSS-KT-52   2   PSR-KT-54   2   PSS-KT-33B   1   PSR-KT     A-31T2   317-1166001 thru 317-8166000   PSS-KT-52   2   PSR-KT-54   2   PSS-KT-33   1   PSR-KT     A-31T2   317-8166001 thru 317-8166017   PSS-KT-52   2   PSR-KT-54   2   PSS-KT-33   1   PSR-KT     A-31T3   All   PSS-KT   2   PSR-KT-54   2   PSS-KT-33   1   PSR-KT     A-322-260, PA-32-300   All   PSS-KT   2   PSR-KT-33   2   PSS-KT   1   PSR-KT     A-322-301, PA-32-301T,   All   PSS-KT   2   PSR-KT-13   2   PSS-KT   2   PSR-KT-33   1   PSR-KT     A-322-301, PA-32-301T,   All   PSS-KT   2   PSR-KT-13   2   PSS-KT   1   PSR-KT     A-322-301, PA-32-301T,   All   PSS-KT   2   PSR-KT-13   2   PSS-KT   1   PSR-KT     A-322-301, PA-32-301T,   All   PSS-KT   PSS-KT   2   PSR-KT   2   PSS-KT   1   PSR-KT	A-31T1	31T-7804001 thru 31T-8104055	PSS-KT-52B	2	PSR-KT-55		PSS-K1-33		PSR-K1-49	
31T-1166001 thru 31T-8166000   PSS-KT-52   2   PSR-KT-54   2   PSS-KT-33   1   PSR-KT     AA-31T2   31T-8166001 thru 31T-8166013   PSS-KT-52   2   PSR-KT-55   2   PSS-KT-33   1   PSR-KT     AA-31T3   All   PSS-KT-30   2   PSR-KT-45   2   PSS-KT-33   1   PSR-KT     AA-32-260, PA-32-300   All   PSS-KT-32   2   PSR-KT-45   2   PSS-KT-20   1   PSR-KT     A-32-260, PA-32-301T,   All   PSS-KT-10   2   PSR-KT-33   2   PSS-KT-20   1   PSR-KT     A-32-301T,   All   PSS-KT-10   2   PSR-KT-11   2   PSS-KT-20   1   PSR-KT     A-32-301T,   All   PSS-KT-12   2   PSR-KT-11   2   PSS-KT-20   1   PSR-KT     A-32R-301F, PA-32-301TC   All   PSS-KT-12   2   PSR-KT-11   2   PSS-KT-48   1   PSR-KT     A-34-2001   All   229001 thru 32R-8613006   PSS-KT-48   2   PSR-KT-61   2   PSS-KT-76   1   PSR-KT     A-34-200				2			PSS-KT-33B	1	PSR-KT-49B	
2A-31T2   31T-8166001 thru 31T-8166013   PSS-KT-52B   2   PSR-KT-55   2   PSS-KT-33   1   PSR-KT     AA-31T3   All   PSS-KT-32   2   PSR-KT-54   2   PSS-KT-33B   1   PSR-KT     AA-31T3   All   PSS-KT-32   2   PSR-KT-54   2   PSS-KT-33B   1   PSR-KT     AA-32-260, PA-32-300   All   PSS-KT-32   2   PSR-KT-32   2   PSS-KT-32   1   PSR-KT     AA-32-301T, PA-32-301T, PSR-KT   PSS-KT-12   2   PSR-KT-13   2   PSS-KT-20   1   PSR-KT     AA-32C-301   All   PSS-KT-12   2   PSR-KT-13   2   PSS-KT-20   1   PSR-KT     A-32C-301T, PA-32R-301T   All   PSS-KT-12   2   PSR-KT-11   2   PSS-KT-48   1   PSR-KT     A-32C-301 thru 32R-8029001 thru 32R-8029008   PSS-KT-12   2   PSR-KT-11   2   PSS-KT-28   1   PSR-KT     A-34-200T   All   PSS-KT-32									PSR-KT-49B	
31T-8166014 thru 31T-8166076   PSS-KT-52   2   PSR-KT-54   2   PSS-KT-33B   1   PSR-KT     PA-31T3   All   PSS-KT-32   2   PSR-KT-45   2   PSR-KT-33   1   PSR-KT     PA-32-301   All   PSS-KT-10   2   PSR-KT-32   2   PSR-KT-33   1   PSR-KT     PA-32-301, PA-32-301T,   All   PSS-KT-10   2   PSR-KT-33   2   PSS-KT-20   1   PSR-KT     PA-32-301F, PA-32-301TC   All   PSS-KT-12   2   PSR-KT-11   2   PSS-KT-20   1   PSR-KT     PA-32-301T, PA-32-301TC   All   PSS-KT-12   2   PSR-KT-11   2   PSS-KT-4B   1   PSR-KT     PA-32R-301, PA-32R-301T   3213001 thru 3213103 3226001 thru 3226909   PSS-KT-12   2   PSR-KT-11   2   PSS-KT-25   1   PSR-KT     PA-32R-301, PA-32R-301T   All   PSS-KT-68   2   PSR-KT-73   2   PSS-KT-25   1   PSR-KT     PA-32R-301, PA-32R-300T   All   PSS-KT-28   2   PSR-KT-11   2   PSS-KT-26   1   PSR-KT	A_21T2								PSR-KT-49	
AA31T3   All   PSS-KT-32   2   PSR-KT-45   2   PSS-KT-33   1   PSR-KT     AA-32-260, PA-32-300   All   PSS-KT-10   2   PSR-KT-32   2   PSS-KT-2   1   PSR-KT     AA-32-301, PA-32-301T, AA-32-301FT, PA-32-301TC   All   PSS-KT-9   2   PSR-KT-33   2   PSS-KT-20   1   PSR-KT     AA-32-301FT, PA-32-301TC   All   PSS-KT-12   2   PSR-KT-33   2   PSS-KT-20   1   PSR-KT     A-32R-300   All   PSS-KT-12   2   PSR-KT-11   2   PSS-KT-4B   1   PSR-KT     AA-32R-300   All   PSS-KT-12   2   PSR-KT-11   2   PSS-KT-4B   1   PSR-KT     AA-32R-301, PA-32R-301T   3226001 thru 32257099   PSS-KT-12   2   PSR-KT-11   2   PSS-KT-25   1   PSR-KT     AA-32R-300, PA-32R-300T   All   PSS-KT-38   2   PSR-KT-11   2   PSS-KT-26   1   PSR-KT     AA-32-200   All   PSS-KT-38   2   PSR-KT-61   2   PSR-KT-78   1   PSR-KT     AA-34-200T	4-3112									-
AA32-260, PA-32-300   All   PSS-KT-10   2   PSR-KT-32   2   PSS-KT-2   1   PSR-KT-32     AA-32-301, PA-32-301T, PA-32										
A-32-301, PA-32-301, PA-										
AA-32-301FT, PA-32-301XTC   All   PSS-K1-9   2   PSR-K1-33   2   PSS-K1-20   1   PSK-K1     AA-32R-300   All   PSS-KT-12   2   PSR-KT-11   2   PSS-KT-4B   1   PSR-KT     AA-32R-300   All   PSS-KT-12   2   PSR-KT-33   2   PSS-KT-4B   1   PSR-KT     AA-32R-301   All   PSS-KT-4B   2   PSR-KT-73   2   PSS-KT-4   1   PSR-KT     AA-32R-301, PA-32R-301T   3246001 thru 3229003   PSS-KT-12   2   PSR-KT-73   2   PSS-KT-25   1   PSR-KT     AA-32R-300, PA-32RT-300T   All   PSS-KT-28   2   PSR-KT-73   2   PSS-KT-25   1   PSR-KT     AA-34-200   All   PSS-KT-12   2   PSR-KT-40   2   PSS-KT-28   1   PSR-KT     AA-34-200   All   PSS-KT-12   2   PSR-KT-70   2   PSS-KT-7B   1   PSR-KT     AA-34-200T   All   PSS-KT-48   2   PSR-KT-61   2   PSS-KT-7B   1   PSR-KT     PA-34-200T   All   PSS-KT-	A-32-260, PA-32-300	All	PSS-KT-10	2	PSR-KT-32	2	PSS-KT-2	1	PSR-KT-23	
AA-322-301F1, PA-32-301K1C   AII   PSS-KT-12   2   PSR-KT-11   2   PSS-KT-4B   1   PSR-KT     AA-32R-300   AII   PSS-KT-12   2   PSR-KT-11   2   PSS-KT-4B   1   PSS-KT     AA-32R-301   3213001 thru 3213103 3229001 thru 3229003   PSS-KT-4B   2   PSR-KT-73   2   PSS-KT-4   1   PSR-KT     PA-32R-3017   3246001 thru 3246999 328-8013001 thru 328-8613006 32R-8029001 thru 32R-8629008   PSS-KT-12   2   PSR-KT-73   2   PSS-KT-25   1   PSR-KT     PA-32-200   AII   PSS-KT-28   2   PSR-KT-70   2   PSS-KT-28   1   PSR-KT     PA-34-200   AII   PSS-KT-12   2   PSR-KT-70   2   PSS-KT-7B   1   PSR-KT     PA-34-200T   AII   PSS-KT-12   2   PSR-KT-70   2   PSS-KT-7B   1   PSR-KT     PA-34-200T   AII   PSS-KT-48   2   PSR-KT-60   2   PSS-KT-7B   1   PSR-KT     PA-34-200T   AII   PSS-KT-110   PSS-KT-110   PSR-KT   2   PSR-KT-60   2   PSS-KT-7	A-32-301, PA-32-301T,	A11	DCC_VT_0	2		2	DCC_VT_20	1	DCD-VT-60	
3213001 thru 3213103 3229001 thru 3229003   PSS-KT-4B   2   PSR-KT-73   2   PSS-KT-4   1   PSR-KT     2A-32R-301, PA-32R-301T   3246001 thru 3246999 32R-8013001 thru 3257999   PSS-KT-12   2   PSR-KT-11   2   PSS-KT-25   1   PSR-KT     2A-32R-301, PA-32R-301T   All   PSS-8029001 thru 32R-8613006 32R-8013001 thru 32R-8629008   PSS-KT-4B   2   PSR-KT-73   2   PSS-KT-4   1   PSR-KT     2A-32RT-300, PA-32RT-300T   All   PSS-877-28   2   PSR-KT-10   2   PSS-KT-28   1   PSR-KT     2A-34-200   All   PSS-KT-12   2   PSR-KT-70   2   PSS-KT-7B   1   PSR-KT     2A-34-200T   All   PSS-KT-4B   2   PSR-KT-70   2   PSS-KT-7B   1   PSR-KT     2A-34-200T   All   PSS-KT-4B   2   PSR-KT-6B   2   PSS-KT-7B   1   PSR-KT     2A-34-200T   All   PSS-KT-4B   2   PSR-KT-6B   2   PSS-KT-7B   1   PSR-KT     2A-34-200T   All   PSS-KT-11   PSS-KT-6B   PSS-KT-7B   1   PSR-	A-32-301FT, PA-32-301XTC	All	F33-K1-9	2	F3K-K1-33	2	F35-K1-20	-	FSK-KI-00	·
3229001 thru 3229003   PSS-K1-4B   2   PSR-K1-73   2   PSS-K1-4   1   PSR-K1     3246001 thru 3246999   3257001 thru 327.999   PSS-KT-12   2   PSR-KT-11   2   PSS-KT-25   1   PSR-KT     32R-8013001 thru 32R-8613006   PSS-KT-4B   2   PSR-KT-73   2   PSS-KT-4   1   PSR-KT     A-32R-300, PA-32RT-300T   All   PSS-KT-4B   2   PSR-KT-73   2   PSS-KT-4   1   PSR-KT     A-34-200   All   PSS-KT-28   2   PSR-KT-70   2   PSS-KT-7B   1   PSR-KT     A-34-200   All   PSS-KT-4B   2   PSR-KT-70   2   PSS-KT-7B   1   PSR-KT     A-34-200   All   PSS-KT-4B   2   PSR-KT-70   2   PSS-KT-7B   1   PSR-KT     A-34-200T   All   PSS-KT-43   2   PSR-KT-66   2   PSS-KT-7B   1   PSR-KT     A-34-20T   All   PSS-KT-43   2   PSR-KT-66   2   PSS-KT-7B   1   PSR-KT     A-34-20T   All   PSS-KT-11   PSS-KT-66	A-32R-300	All	PSS-KT-12	2	PSR-KT-11	2	PSS-KT-4B	1	PSR-KT-18	
3229001 thru 3229003   PSS-K1-4B   2   PSR-K1-73   2   PSS-K1-4   1   PSR-K1     3246001 thru 3246999   3257001 thru 327999   PSS-KT-12   2   PSR-KT-11   2   PSS-KT-25   1   PSR-KT     32R-8013001 thru 322R-8613006   PSS-KT-4B   2   PSR-KT-73   2   PSS-KT-25   1   PSR-KT     A-32R-300, PA-32RT-300T   All   PSS-KT-28   2   PSR-KT-11   2   PSS-KT-28   1   PSR-KT     A-34-200   All   PSS-KT-12   2   PSR-KT-70   2   PSS-KT-7B   1   PSR-KT     A-34-200   All   PSS-KT-4B   2   PSR-KT-70   2   PSS-KT-7B   1   PSR-KT     A-34-200T   All   PSS-KT-4B   2   PSR-KT-70   2   PSS-KT-7B   1   PSR-KT     A-34-200T   All   PSS-KT-43   2   PSR-KT-66   PSS-KT-7B   1   PSR-KT     PA-34-200T   All   PSS-KT-11   PSS-KT-66   PSS-KT-7B   1   PSR-KT     PA-34-200T   All   PSS-KT-11   PSS-KT-66   PSS-KT-7B   1 <t< td=""><td rowspan="2"></td><td>3213001 thru 3213103</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td><math>\square</math></td></t<>		3213001 thru 3213103								$\square$
A-32R-301, PA-32R-301T   3246001 thru 3246999 3257001 thru 327999   PSS-KT-12   2   PSR-KT-11   2   PSS-KT-25   1   PSR-KT     A-32R-301, PA-32R-300T   All   PSS-KT-4B   2   PSR-KT-73   2   PSS-KT-28   1   PSR-KT     A-32R-300, PA-32RT-300T   All   PSS-KT-28   2   PSR-KT-11   2   PSS-KT-28   1   PSR-KT     A-34-200   All   PSS-KT-12   2   PSR-KT-11   2   PSS-KT-7B   1   PSR-KT     A-34-200T   All   PSS-KT-48   2   PSR-KT-70   2   PSS-KT-7B   1   PSR-KT     A-34-200T   All   PSS-KT-48   2   PSR-KT-70   2   PSS-KT-7B   1   PSR-KT     A-34-200T   All   PSS-KT-11   PSS-KT-70   2   PSS-KT-7B   1   PSR-KT     A-34-200T   All   PSS-KT-11   PSS-KT-68   PSS-KT-76   1   PSR-KT     A-34-200T   All   PSS-KT-11   PSS-KT-68   PSS-KT-76   PSS-KT-76   1   PSR-KT     A-34-200T   All   PSS-KT-11   PSS-KT-68   PS			PSS-KT-4B	2	PSR-KT-73	2	PSS-KT-4	1	PSR-KT-20	
3257001 thru 3257999   PSS-K1-12   2   PSR-K1-11   2   PSS-K1-25   1   PSR-K1     32R-8013001 thru 32R-8613006   32R-8013001 thru 32R-8629008   PSS-KT-4B   2   PSR-KT-73   2   PSS-KT-4   1   PSR-KT     PA-32RT-300, PA-32RT-300T   All   PSS-KT-28   2   PSR-KT-40   2   PSS-KT-28   1   PSR-KT     PA-34-200   All   PSS-KT-12   2   PSR-KT-11   2   PSS-KT-7B   1   PSR-KT     PA-34-200T   All   PSS-KT-4B   2   PSR-KT-70   2   PSS-KT-7B   1   PSR-KT     PA-34-200T   All   PSS-KT-4B   2   PSR-KT-6B   2   PSS-KT-7B   1   PSR-KT     PA-34-200T   All   PSS-KT-43   2   PSR-KT-6B   2   PSS-KT-7B   1   PSR-KT     PA-34-200T   All   PSS-KT-11   2   PSR-KT-6B   2   PSS-KT-7B   1   PSR-KT     PA-34-200T   3448001 thru 3448079   PSS-KT-11B   PSS-KT-6B   2   PSS-KT-74   PSS-KT-74   PSR-KT     PA-39   All   PSS-KT-11 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td><math>\vdash</math></td>										$\vdash$
32R-8013001 thru 32R-8613006 32R-8029001 thru 32R-8629008   PSS-KT-4B   2   PSR-KT-73   2   PSS-KT-4   1   PSR-KT     A-32RT-300, PA-32RT-300T   All   PSS-KT-28   2   PSR-KT-01   2   PSS-KT-28   1   PSR-KT     A-34-200   All   PSS-KT-12   2   PSR-KT-11   2   PSS-KT-7B   1   PSR-KT     A-34-200T   All   PSS-KT-4B   2   PSR-KT-70   2   PSS-KT-7B   1   PSR-KT     A-34-200T   All   PSS-KT-4B   2   PSR-KT-70   2   PSS-KT-7B   1   PSR-KT     A-34-200T   All   PSS-KT-4B   2   PSR-KT-6B   2   PSS-KT-7B   1   PSR-KT     A-34-200T   All   PSS-KT-11   PSS-KT-70   2   PSS-KT-7B   1   PSR-KT     A-34-200T   3448001 thru 3448079   PSS-KT-11B   PSS-KT-6B   PSS-KT-7D   PSS-KT-7D   PSS-KT-7D   PSS-KT-7D   PSS-KT-7D   PSR-KT   PSR-KT     PA-39   All   PSS-KT-30   2   PSR-KT-63   2   PSS-KT-42   1   PSR-KT     PA-42<	PA-32R-301, PA-32R-301T		PSS-KT-12	2	PSR-KT-11	2	PSS-KT-25	1	PSR-KT-9	
32R-8029001 thru 32R-8629008   PSS-K1-4B   2   PSR-K1-73   2   PSS-K1-4   1   PSR-K1     2A-32RT-300, PA-32RT-300T   All   PSS-KT-28   2   PSR-KT-40   2   PSS-KT-28   1   PSR-KT     2A-34-200   All   PSS-KT-12   2   PSR-KT-11   2   PSS-KT-7B   1   PSR-KT     2A-34-200T   All   PSS-KT-4B   2   PSR-KT-0   2   PSS-KT-7B   1   PSR-KT     2A-34-200T   All   PSS-KT-4B   2   PSR-KT-0   2   PSS-KT-7B   1   PSR-KT     2A-34-200T   All   PSS-KT-4B   2   PSR-KT-6D   2   PSS-KT-7B   1   PSR-KT     2A-34-220T   3447001 thru 3447029 3448001 thru 3448079 3448001 thru 343172 34-8133001 thru 3433172 34-8133001 thru 34-8633031   PSS-KT-11B   PSR-KT-6D   2   PSS-KT-7 PSS-KT-7   PSR-KT   PSR-KT     2A-39   All   PSS-KT-11   2   PSR-KT-6D   2   PSS-KT-42   1   PSR-KT     2A-42   All   PSS-KT-40   2   PSR-KT-63   2   PSS-KT-42   1   PSR-KT     2							l			┢
A-32RT-300, PA-32RT-300T   All   PSS-KT-28   2   PSR-KT-40   2   PSS-KT-28   1   PSS-KT-28   1   PSR-KT     A-34-200   All   PSS-KT-12   2   PSR-KT-11   2   PSS-KT-7B   1   PSR-KT     A-34-200T   All   PSS-KT-4B   2   PSR-KT-70   2   PSS-KT-7B   1   PSR-KT     A-34-200T   All   PSS-KT-4B   2   PSR-KT-70   2   PSS-KT-7B   1   PSR-KT     A-34-200T   All   PSS-KT-4B   2   PSR-KT-69   PSS-KT-7B   1   PSR-KT     A-34-200T   3448001 thru 3448079   SS-KT-111   PSS-KT-69   PSS-KT-76   PSS-KT-74   1   PSR-KT     A-39   All   PSS-KT-11   PSS-KT-66   2   PSS-KT-71   1   PSR-KT     A-42   All   PSS-KT-10   2   PSR-KT-63   2   PSS-KT-42   1   PSR-KT     A-42-720   42-5501003 thru 42-5501060   PSS-KT-40   2   PSR-KT-63   2   PSS-KT-42   1   PSR-KT     A-42-720   42-5501003 thru 42-8301002   PSS-KT-4				2	PSR-KT-73	2	PSS-KT-4	1	PSR-KT-20	
A-34-200   All   PSS-KT-12   2   PSR-KT-11   2   PSS-KT-7B   1   PSR-KT     A-34-200T   All   PSS-KT-4B   2   PSR-KT-70   2   PSS-KT-7B   1   PSR-KT     A-34-200T   All   PSS-KT-4B   2   PSR-KT-70   2   PSS-KT-7B   1   PSR-KT     A-34-200T   All   PSS-KT-43   PSS-KT-43   PSR-KT-6B   PSR-KT-6B   PSS-KT-74   PSR-KT-74   PSR-KT   PSR-KT-74   PSR-KT-74   PSR-KT-74   PSR-KT   PSR-KT-74   PSR-KT   PSR-KT   PSR-KT-74   PSR-KT-74   PSR-KT-74   PSR-KT   PS	A 220T 200 DA 220T 200T									┢
A-34-200T   All   PSS-KT-4B   2   PSR-KT-70   2   PSS-KT-7B   1   PSR-KT     A-34-220T   3447001 thru 3447029 3448001 thru 3449999   PSS-KT-43 3448001 thru 3448079 3433001 thru 3433172 34-8133001 thru 34-8633031   PSS-KT-111 PSS-KT-11BE   2   PSR-KT-6E   2   PSS-KT-7   1   PSR-KT     A-39   All   PSS-KT-10   2   PSR-KT-63   2   PSS-KT-12   PSR-KT-63   2   PSR-KT-11   PSR-KT   1   PSR-KT     A-42   All   PSS-KT-10   2   PSR-KT-63   2   PSS-KT-42   1   PSR-KT     A-42-720   42-5501003 thru 42-5501060 42-8301001 thru 42-8301002   PSS-KT-40   2   PSR-KT-63   2   PSS-KT-42   1   PSR-KT	,								PSR-KT-39	
3447001 thru 3447029 3449001 thru 3449999   PSS-KT-43   2   PSR-KT-69   2   PSS-KT-74   PSR-KT-74   PSR-KT-782   PSR-KT-782   PSR-KT-782   PSR-KT-782   PSR-KT-782   PSR-KT-782   PSR-KT   PSR-KT   PSR-KT-782   PSR-KT   PSR-KT-782   PSR-KT									PSR-KT-71	
3449001 thru 3449999   PSS-K1-43   PSR-K1-69   PSS-K1-74   PSR-K1-7   PSR-K1-7     3448001 thru 3448079   3448001 thru 3448079   PSS-KT-111   PSR-KT-68   PSR-KT-68   PSS-KT-74   PSR-KT-7   PSR-KT-7     A-39   All   PSS-KT-11   PSS-KT-12   PSR-KT-68   PSS-KT-12   PSS-KT-12   PSS-KT-14   PSR-KT-782   PSR-	A-34-200T		PSS-KT-4B	2	PSR-KT-70	2	PSS-KT-7B	1	PSR-KT-29	
3449001 thru 3449999   PSS-K1-43   PSR-K1-69   PSS-K1-74   PSR-K1-7   PSR-K1-7     3448001 thru 3448079   3448001 thru 3448079   PSS-KT-111   PSR-KT-6E   PSR-KT-6E   PSS-KT-7 4   PSR-KT-7   PSR-KT-7     A-39   All   PSS-KT-11   PSS-KT-12   PSR-KT-6E   PSS-KT-12   PSS-KT-12   PSS-KT-14   PSR-KT-7   PSR-KT-7     A-42   All   PSS-KT-40   2   PSR-KT-63   2   PSS-KT-42   1   PSR-KT     A-42-720   42-5501003 thru 42-5501060   PSS-KT-40   2   PSR-KT-63   2   PSS-KT-42   1   PSR-KT					DED VT CO					Γ
A-34-220T   3448001 thru 3448079 3433001 thru 3433172 34-8133001 thru 34-8633031   PSS-KT-111 PSS-KT-11BE   2   PSR-KT-6E   2   PSS-KT-7 4 PSS-KT-7BE   1   PSR-KT- PSR-KT- PSR-KT- PSR-KT- PSR-KT- PSR-KT- PSR-KT- 2   PSS-KT-7 4 PSS-KT-7BE   1   PSR-KT- PSR-KT- PSR-KT- 2   1   PSR-KT- PSR-KT- PSR-KT- 2   PSR-KT- PSS-KT-42   1   PSR-KT- PSR-KT- 2   PSR-KT- PSS-KT-42   1   PSR-KT- PSR-KT- 2     A-42-720   42-5501003 thru 42-5501060 42-8301001 thru 42-8301002   PSS-KT-40   2   PSR-KT-63   2   PSS-KT-42   1   PSR-KT			122-K1-43		PSK-K1-69		P55-K1-/		PSK-K1-29	
3433001 thru 3433172   PSS-K1-111   PSR-KT-61   PSS-K1-712   PSR-K1-720     A-39   All   PSS-KT-112   PSR-KT-12   PSS-KT-12   PSS-KT-112     A-42   All   PSS-KT-40   2   PSR-KT-63   2   PSS-KT-42   1   PSR-KT-42     A-42-720   42-5501003 thru 42-5501060 42-8301001 thru 42-8301002   PSS-KT-40   2   PSR-KT-63   2   PSS-KT-42   1   PSR-KT	PA-34-220T			2		2		11		1
34-8133001 thru 34-8633031   PSS-KI-11BB   PSS-KI-7BZ   PSS-KI-7BZ   PSR-KI-7BZ     PA-39   All   PSS-KT-1   2   PSR-KT-1   2   PSS-KT-1   1   PSR-KT     PA-42   All   PSS-KT-40   2   PSR-KT-63   2   PSS-KT-42   1   PSR-KT     PA-42-720   42-5501003 thru 42-5501060 42-8301001 thru 42-8301002   PSS-KT-40   2   PSR-KT-63   2   PSS-KT-42   1   PSR-KT				~	PSR-KT-6			^	PSR-KT-274	
A-39   All   PSS-KT-1   2   PSR-KT-1   2   PSS-KT-1   1   PSR-KT     A-42   All   PSS-KT-40   2   PSR-KT-63   2   PSS-KT-42   1   PSR-KT     A-42-720   42-5501003 thru 42-5501060 42-8301001 thru 42-8301002   PSS-KT-40   2   PSR-KT-63   2   PSS-KT-42   1   PSR-KT			PSS-KT-11B3				PSS-KT-7B2		PSR-KT-281	
A-42 All PSS-KT-40 2 PSR-KT-63 2 PSS-KT-42 1 PSR-KT-40   A-42-720 42-5501003 thru 42-5501060 42-8301001 thru 42-8301002 PSS-KT-40 2 PSR-KT-63 2 PSS-KT-42 1 PSR-KT	A 20			2				-		┢
A-42-720 42-5501003 thru 42-5501060 42-8301001 thru 42-8301002 PSS-KT-40 2 PSR-KT-63 2 PSS-KT-42 1 PSR-KT									PSR-KT-15	
A-42-720 42-8301001 thru 42-8301002 PSS-K1-40 2 PSR-K1-63 2 PSS-K1-42 1 PSR-K1			PSS-KT-40	2	PSR-KT-63	2	PSS-KT-42	1	PSR-KT-65	
42-8301001 thru 42-8301002	A-42									
		42-5501003 thru 42-5501060	DCC_VT 40	2	DCD VT CO	2	DCC VT 42	1 1		
A-42-720R   All   PSS-KT-40   2   PSR-KT-63   2   PSS-KT-42   1   PSR-KT			PSS-KT-40	2	PSR-KT-63	2	PSS-KT-42	1	PSR-KI-65	:

Use only when bearing has (1) O-ring on ID
Use only when bearing has (1) O-ring groove on ID
Use only when bearing has T-seal and backup ring or (1) O-ring with (1) backup ring
Used to replace O-ring and (1) backup ring or a T-Seal and (2) backup rings in ID



# Landing and Nose Gear

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Items on this page: AWARNING: Cancer and/or Reproductive Harm - www.P65Warnings.ca.gov