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DATE: March 28, 2025
TO: Whom It May Concern
FROM: Amphenol PCD (APCD) Core Products Team
SUBJECT: Potential Nonconforming Seal Performance for SJS Luminus and Pegasus Part Numbers (Update)

This is an update regarding the sealing performance for certain SJS Luminus and Pegasus part numbers (impacted part numbers are listed in Table 1) and related off-cycle sealing testing during which certain products exhibited sealing concerns at higher-altitude applications, including 50,000 – 75,000 feet, which can impair products performance and reliability.

In our previous updates, we confirmed that all impacted part numbers have been analyzed and continue to meet IP67 ratings, and we identified part numbers that have undergone and passed 12,000 feet altitude immersion testing. We have now completed that 12,000 feet altitude immersion testing on all implicated part numbers, and we also performed additional testing on certain part numbers at higher levels. Table 2 provides the list of part numbers and their current performance ratings (IP67, 12,000 – 50,000 feet).

Based on this information, we are presenting our customers two options to move forward with our products:

- a. Based on an assessment of the products' application as used by the customer—to be determined by the customer—customers may resume use of impacted products at the altitude levels mentioned in Table 2. Customers do so with the understanding that Amphenol is not representing or warranting that the parts meet altitude immersion testing above those levels and Amphenol cannot be held responsible for any loss or damage resulting from sealing performance issues or other failures of the products in environments representing altitudes above those levels.
- b. Alternatively, if the customer's application of the products requires that the products pass altitude immersion testing above the current levels outlined in Table 2, we kindly ask that you contact us so we can better understand your specific requirements and explore appropriate actions and next steps.

Our corrective action includes implementing product and process improvements that will allow future products to consistently meet altitude immersion testing at 50,000 feet. We will notify you when this is fully realized.

If you have any questions, please reach out to the below team members:

- Quentin Abraham – qabraham@amphenolpcd.com
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Thank you for your cooperation.

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Table 1: Affected Part Numbers

Part Number	Date Code	Part Number	Date Code	Part Number	Date Code
SJS0AA730	1020	SJS425320P	1523	SJS840410	2050
SJS0AA730P	1020	SJS704120	1701	SJS840410P	2050
SJS0AA731	1020	SJS704120P	1701	SJS840411	2050
SJS0AA737P	1020	SJS704121	1701	SJS840411P	2050
SJS0AB770P	1237	SJS706160	1603	SJS840440P	2050
SJS112120	1523	SJS805730P	1848	SJS860200	1346
SJS112120P	1523	SJS805731	1848	SJS860500	1848
SJS112121P	1523	SJS809130P	1406	SJS860500P	1848
SJS112160P	1523	SJS812730	1239	SJS860501	1848
SJS112162P	1523	SJS812730P	1239	SJS860501P	1848
SJS112220P	1523	SJS830100	0852	SJS860520	1848
SJS112420	1523	SJS830100P	0852	SJS860521	1848
SJS112420P	1523	SJS830101	0852	SJS860900	2050
SJS225120M	1523	SJS830101P	0852	SJS860900P	2050
SJS225121M	1523	SJS830102	0852	SJS860901	2050
SJS225161M	1523	SJS830102P	0852	SJS860901P	2050
SJS225162M	1523	SJS830210	1145	SJS861200	1237
SJS225220M	1523	SJS830210P	1145	SJS861200P	1237
SJS225221M	1523	SJS830211	1145	SJS861400	1239
SJS225261M	1523	SJS830211P	1145	SJS861400P	1239
SJS225262M	1523	SJS830250	1912	SJS861401	1239
SJS406120	2029	SJS830250P	1912	SJS861401M	1523
SJS406121	2029	SJS830250T	1912	SJS861461M	1523
SJS406121-S	2029	SJS830251	1912	SJS861800	1603
SJS412120	1715	SJS830251P	1912	SJS861800P	1603
SJS412121	1715	SJS831100	0852	SJS861801	1603
SJS425120	1523	SJS831100P	0852	SJS861801P	1603
SJS425120P	1523	SJS840310	1852	SJS862200	1406
SJS425121	1523	SJS840310P	1852	SJS862200P	1406
SJS425121P	1523	SJS840311	1852	SJS862451	2026
SJS425160	1523	SJS840340	1852	SJS870510	1048
SJS425160P	1523	SJS840340P	1852	SJS870511	1048
SJS425162P	1523	SJS840341	1852	SJS8A5120-A	2050
SJS425320	1523				

Note: Date code (YYWW) above reflects starting date code. All date codes after until date code 2450 are currently within scope.

Table 2: Current Altitude Immersion Level by Part Number

Part Number	Current Rating	Part Number	Current Rating	Part Number	Current Rating	Part Number	Current Rating
SJS406120	50,000 ft	SJS862450	50,000 ft	SJS831100P	25,000 ft	SJS112460P	12,000 ft
SJS406120P	50,000 ft	SJS862450P	50,000 ft	SJS831101	25,000 ft	SJS112460P	12,000 ft
SJS406120-S	50,000 ft	SJS862451	50,000 ft	SJS831101P	25,000 ft	SJS112461	12,000 ft
SJS406121	50,000 ft	SJS862451P	50,000 ft	SJS812730	12,000 ft	SJS112461P	12,000 ft
SJS406121P	50,000 ft	SJS870510	50,000 ft	SJS812730P	12,000 ft	SJS112462	12,000 ft
SJS406121-S	50,000 ft	SJS870510P	50,000 ft	SJS812731	12,000 ft	SJS112462P	12,000 ft
SJS704120	50,000 ft	SJS870511	50,000 ft	SJS112120	12,000 ft	SJS112420P	12,000 ft
SJS704120P	50,000 ft	SJS870511P	50,000 ft	SJS112120P	12,000 ft	SJS112421	12,000 ft
SJS704121	50,000 ft	SJS861800	25,000 ft	SJS112121	12,000 ft	SJS812731P	12,000 ft
SJS704121P	50,000 ft	SJS861800P	25,000 ft	SJS112121P	12,000 ft	SJS112421P	12,000 ft
SJS809130	50,000 ft	SJS861801	25,000 ft	SJS112160	12,000 ft	SJS112460	12,000 ft
SJS809130P	50,000 ft	SJS861801P	25,000 ft	SJS112160P	12,000 ft	SJS861400	12,000 ft
SJS809131	50,000 ft	SJS831102	25,000 ft	SJS112161	12,000 ft	SJS861400M	12,000 ft
SJS809131P	50,000 ft	SJS831102P	25,000 ft	SJS112161P	12,000 ft	SJS861400P	12,000 ft
SJS830250	50,000 ft	SJS840410	25,000 ft	SJS112162	12,000 ft	SJS863460M	12,000 ft
SJS830250P	50,000 ft	SJS840410P	25,000 ft	SJS112162P	12,000 ft	SJS863461M	12,000 ft
SJS830250T	50,000 ft	SJS840411	25,000 ft	SJS112220	12,000 ft	SJS863600M	12,000 ft
SJS830251	50,000 ft	SJS840411P	25,000 ft	SJS112220P	12,000 ft	SJS863601M	12,000 ft
SJS830251P	50,000 ft	SJS840440	25,000 ft	SJS112221	12,000 ft	SJS863660M	12,000 ft
SJS840310	50,000 ft	SJS840440P	25,000 ft	SJS112221P	12,000 ft	SJS863661M	12,000 ft
SJS840310P	50,000 ft	SJS840441	25,000 ft	SJS112260	12,000 ft	SJS112261	12,000 ft
SJS840311	50,000 ft	SJS840441P	25,000 ft	SJS112260P	12,000 ft	SJS112261P	12,000 ft
SJS840311P	50,000 ft	SJS706160	25,000 ft	SJS861401	12,000 ft	SJS112262	12,000 ft
SJS840340	50,000 ft	SJS706160P	25,000 ft	SJS861401M	12,000 ft	SJS112262P	12,000 ft
SJS840340P	50,000 ft	SJS706161	25,000 ft	SJS861401P	12,000 ft	SJS112320	12,000 ft
SJS840341	50,000 ft	SJS706161P	25,000 ft	SJS861460M	12,000 ft	SJS112320P	12,000 ft
SJS840341P	50,000 ft	SJS706162	25,000 ft	SJS861461M	12,000 ft	SJS112321	12,000 ft
SJS862200	50,000 ft	SJS706162P	25,000 ft	SJS863200M	12,000 ft	SJS112321P	12,000 ft
SJS862200P	50,000 ft	SJS830100	25,000 ft	SJS863201M	12,000 ft	SJS112360	12,000 ft
SJS862201	50,000 ft	SJS830100P	25,000 ft	SJS863260M	12,000 ft	SJS112360P	12,000 ft
SJS862201P	50,000 ft	SJS830101	25,000 ft	SJS863261M	12,000 ft	SJS112361	12,000 ft
SJS862400	50,000 ft	SJS830101P	25,000 ft	SJS863400M	12,000 ft	SJS112361P	12,000 ft
SJS862400P	50,000 ft	SJS830102	25,000 ft	SJS863401M	12,000 ft	SJS112362	12,000 ft
SJS862401	50,000 ft	SJS830102P	25,000 ft	SJS112362P	12,000 ft		
SJS862401P	50,000 ft	SJS831100	25,000 ft	SJS112420	12,000 ft		

Part Number	Current Rating	Part Number	Current Rating	Part Number	Current Rating
SJS0AA730	IP67, Sea Level	SJS225120M	IP67, Sea Level	SJS425120	IP67, Sea Level
SJS0AA730P	IP67, Sea Level	SJS225121M	IP67, Sea Level	SJS425120P	IP67, Sea Level
SJS0AA731	IP67, Sea Level	SJS225160M	IP67, Sea Level	SJS425121	IP67, Sea Level
SJS0AA731P	IP67, Sea Level	SJS225161M	IP67, Sea Level	SJS425121P	IP67, Sea Level
SJS0AA737P	IP67, Sea Level	SJS225162M	IP67, Sea Level	SJS425160	IP67, Sea Level
SJS0AB770	IP67, Sea Level	SJS225220M	IP67, Sea Level	SJS425160P	IP67, Sea Level
SJS0AB770P	IP67, Sea Level	SJS225221M	IP67, Sea Level	SJS425161	IP67, Sea Level
SJS0AB771	IP67, Sea Level	SJS225260M	IP67, Sea Level	SJS425161P	IP67, Sea Level
SJS0AB771P	IP67, Sea Level	SJS225261M	IP67, Sea Level	SJS425162	IP67, Sea Level
SJS860200	IP67, Sea Level	SJS225262M	IP67, Sea Level	SJS425162P	IP67, Sea Level
SJS860200P	IP67, Sea Level	SJS225320M	IP67, Sea Level	SJS425220	IP67, Sea Level
SJS860201	IP67, Sea Level	SJS225321M	IP67, Sea Level	SJS425220P	IP67, Sea Level
SJS860201P	IP67, Sea Level	SJS225360M	IP67, Sea Level	SJS425221	IP67, Sea Level
SJS860500	IP67, Sea Level	SJS225361M	IP67, Sea Level	SJS425221P	IP67, Sea Level
SJS860500P	IP67, Sea Level	SJS225362M	IP67, Sea Level	SJS425260	IP67, Sea Level
SJS860501	IP67, Sea Level	SJS225420M	IP67, Sea Level	SJS425260P	IP67, Sea Level
SJS860501P	IP67, Sea Level	SJS225421M	IP67, Sea Level	SJS425261	IP67, Sea Level
SJS860520	IP67, Sea Level	SJS225460M	IP67, Sea Level	SJS425261P	IP67, Sea Level
SJS860520P	IP67, Sea Level	SJS225461M	IP67, Sea Level	SJS425262	IP67, Sea Level
SJS860521	IP67, Sea Level	SJS225462M	IP67, Sea Level	SJS425262P	IP67, Sea Level
SJS860521P	IP67, Sea Level	SJS412120	IP67, Sea Level	SJS425320	IP67, Sea Level
SJS860900	IP67, Sea Level	SJS412120P	IP67, Sea Level	SJS425320P	IP67, Sea Level
SJS860900P	IP67, Sea Level	SJS412121	IP67, Sea Level	SJS425321	IP67, Sea Level
SJS860901	IP67, Sea Level	SJS412121P	IP67, Sea Level	SJS425321P	IP67, Sea Level
SJS860901P	IP67, Sea Level	SJS805730	IP67, Sea Level	SJS425360	IP67, Sea Level
SJS861200	IP67, Sea Level	SJS805730P	IP67, Sea Level	SJS425360P	IP67, Sea Level
SJS861200P	IP67, Sea Level	SJS805731	IP67, Sea Level	SJS425361	IP67, Sea Level
SJS861201	IP67, Sea Level	SJS805731P	IP67, Sea Level	SJS425361P	IP67, Sea Level
SJS861201P	IP67, Sea Level	SJS830210	IP67, Sea Level	SJS425362	IP67, Sea Level
SJS8AC730	IP67, Sea Level	SJS830210P	IP67, Sea Level	SJS425362P	IP67, Sea Level
SJS8AC730P	IP67, Sea Level	SJS830211	IP67, Sea Level	SJS425420	IP67, Sea Level
SJS8AC731	IP67, Sea Level	SJS830211P	IP67, Sea Level	SJS425420P	IP67, Sea Level
SJS8AC731P	IP67, Sea Level	SJS425421	IP67, Sea Level	SJS425460	IP67, Sea Level
SJS425461	IP67, Sea Level	SJS425421P	IP67, Sea Level	SJS425460P	IP67, Sea Level
SJS425461P	IP67, Sea Level	SJS425462	IP67, Sea Level	SJS425462P	IP67, Sea Level