

Specifications

All listed specifications are for convenience only and are subject to change without notice.
Specifications are not intended for design of custom applications.

NOTE: Internal extension bumper may reduce perceived extended length by 1/2".
Extended and collapsed length dimensions shown for RS5000 shocks, others may vary slightly.

| PART NO. | MOUNTING CODES | | LENGTHS | | | STANDARD PARTS PACK | FOR URETHANE REPLACEMENT (BUSHING KIT) | |
|----------------------|--------------------|--------------------|---------|--------|--------|---------------------|--|-------|
| | NEW / OLD Upper | NEW / OLD Lower | Comp. | Ext. | Trav. | | Upper | Lower |
| RANCHO RS5000 | | | | | | | | |
| RS5001 | LS41 / ES31 | LS37 / ES24 | 13.250 | 21.000 | 7.750 | | RS980 | RS980 |
| RS5005 | LS39 / ES27 | L2 / EB4 | 17.250 | 28.875 | 11.625 | | RS980 | RS992 |
| RS5006 | L1 / EB1 | L1 / EB1 | 11.750 | 18.000 | 6.250 | P915P1057 | RS978 | RS978 |
| RS5007 | L1 / EB1 | L1 / EB1 | 14.875 | 24.250 | 9.375 | P1013 | RS978 | RS978 |
| RS5008 | L1 / EB1 | L1 / EB1 | 13.710 | 22.580 | 8.870 | P915P1057 | RS978 | RS978 |
| RS5009 | S33 / S1 | LS38 / ES25 | 15.625 | 26.250 | 10.625 | P438 | RS979 | RS980 |
| RS5010 | L1 / EB1 | L1 / EB1 | 15.750 | 26.250 | 10.500 | P915P920P1057 | RS978 | RS978 |
| RS5012 | L1 / EB1 | L1 / EB1 | 19.000 | 32.500 | 13.500 | P915P934 | RS978 | RS978 |
| RS5014 | S33 / S1 | S33 / S1 | 14.625 | 24.875 | 10.250 | Two P438 | RS979 | RS979 |
| RS5017 | S33 / S1 | LS38 / ES25 | 15.125 | 25.250 | 10.125 | P438 | RS979 | RS980 |
| RS5019 | S33 / S1 | L1 / EB1 | 9.625 | 14.250 | 4.625 | P438P1013 | RS979 | RS978 |
| RS5112 | L1 / EB1 | L1 / EB1 | 16.000 | 26.250 | 10.250 | P913P915 | RS978 | RS978 |
| RS5113 | L1 / EB1 | L1 / EB1 | 12.875 | 20.250 | 7.375 | P916 | RS978 | RS978 |
| RS5114 | L2 / EB4 | L2 / EB4 | 15.125 | 26.625 | 11.500 | P939 | RS992 | RS992 |
| RS5115 | S33 / S1 | L1 / EB1 | 12.875 | 20.750 | 7.875 | P438P910 | RS979 | RS978 |
| RS5116 | L1 / EB1 | L1 / EB1 | 14.750 | 24.000 | 9.250 | P916 | RS978 | RS978 |
| RS5117 | S33 / S1 | L1 / EB1 | 11.875 | 18.750 | 6.875 | P438P910 | RS979 | RS978 |
| RS5118 | L1 / EB1 | L1 / EB1 | 14.000 | 22.250 | 8.250 | P912P915 | RS978 | RS978 |
| RS5119 | L1 / EB1 | L1 / EB1 | 11.750 | 18.000 | 6.250 | P916 | RS978 | RS978 |
| RS5120 | L1 / EB1 | L1 / EB1 | 9.750 | 14.000 | 4.250 | P829P915 | RS978 | RS978 |
| RS5123 | L1 / EB1 | L1 / EB1 | 11.750 | 18.000 | 6.250 | P925P931 | RS978 | RS978 |
| RS5124 | XP7 / BP8 | L1 / EB1 | 14.750 | 24.000 | 9.250 | P911 | RS980 | RS978 |
| RS5125 | L1 / EB1 | L1 / EB1 | 14.000 | 22.250 | 8.250 | P920 | RS978 | RS978 |
| RS5126 | L1 / EB1 | L1 / EB1 | 16.000 | 26.250 | 10.250 | P920 | RS978 | RS978 |
| RS5128 | S33 / S1 | XP4 | 12.750 | 20.625 | 7.875 | P438P941 | RS981 | RS980 |
| RS5129 | XP12 / BP18 | L1 / EB1 | 12.750 | 20.000 | 7.250 | | RS980 | RS978 |
| RS5131 | LS41 / ES31 | LS37 / ES24 | 13.250 | 21.000 | 7.750 | | RS980 | RS980 |
| RS5132 | L1 / EB1 | L1 / EB1 | 16.000 | 26.250 | 10.250 | P911 | RS978 | RS978 |
| RS5134 | L1 / EB1 | L1 / EB1 | 19.000 | 32.500 | 13.500 | P915P934 | RS978 | RS978 |
| RS5135 | S33 / S1 | S33 / S1 | 12.000 | 19.625 | 7.625 | Two P438 | RS979 | RS979 |
| RS5136 | S33 / S1 | L1 / EB1 | 11.125 | 17.375 | 6.250 | P438P910 | RS979 | RS978 |
| RS5138 | S33 / S1 | L1 / EB1 | 12.875 | 20.750 | 7.875 | P438P910P932 | RS979 | RS978 |
| RS5139 | S33 / S1 | L1 / EB1 | 11.875 | 18.750 | 6.875 | P438P910P932 | RS979 | RS978 |
| RS5140 | L3 / EB2 | L1 / EB1 | 12.875 | 20.250 | 7.375 | P915P916 | RS984 | RS978 |
| RS5141 | L1 / EB1 | L1 / EB1 | 10.000 | 14.625 | 4.625 | | RS978 | RS978 |
| RS5142 | S34 | XP8 / BP18 | 8.750 | 13.125 | 4.375 | P171 | RS981 | RS980 |
| RS5143 | L3 / EB2 | L3 / EB2 | 15.500 | 25.250 | 9.750 | P119 | RS984 | RS984 |
| RS5144 | L3 / EB2 | L3 / EB2 | 14.000 | 22.375 | 8.375 | P119 | RS984 | RS984 |
| RS5145 | S33 / S1 | LS82 | 9.250 | 14.000 | 4.750 | P148 | RS981 | RS980 |
| RS5146 | S33 / S1 | XP4 | 9.250 | 13.625 | 4.375 | P148 | RS981 | RS980 |
| RS5147 | LS74 | LS74 | 14.000 | 22.375 | 8.375 | | RS984 | RS984 |
| RS5148 | L1 / EB1 | L1 / EB1 | 11.750 | 18.125 | 6.375 | P951 | RS978 | RS978 |
| RS5151 | LS41 / ES31 | LS37 / ES24 | 12.125 | 18.750 | 6.625 | | RS980 | RS980 |
| RS5152 | LS89 | LS74 | 11.750 | 18.000 | 6.250 | | RS980 | RS980 |
| RS5153 | S33 / S1 | L1 / EB1 | 9.625 | 14.250 | 4.625 | P438P946 | RS981 | RS978 |
| RS5154 | S33 / S1 | XP4 | 9.250 | 13.625 | 4.375 | P438 | RS979 | RS980 |
| RS5155 | L1 / EB1 | L1 / EB1 | 11.750 | 18.000 | 6.250 | P972 | RS978 | RS978 |
| RS5156 | S33 / S1 | XP5 / BP7 | 8.375 | 12.500 | 4.125 | P438 | RS981 | RS980 |
| RS5157 | L3 / EB2 | S12 | 13.250 | 21.750 | 8.500 | P967P970 | RS984 | — |
| RS5158 | S33 / S1 | L3 / EB2 | 13.000 | 20.875 | 7.875 | P120P148 | RS981 | RS984 |
| RS5159 | S12 | S12 | 12.750 | 21.625 | 8.875 | P969 | — | — |
| RS5160 | S33 / S1 | S33 / S1 | 10.625 | 16.750 | 6.125 | Two P438 | RS981 | RS981 |
| RS5161 | LS51 | S62 / S51 | 14.875 | 24.625 | 9.750 | P1068 | RS984 | — |
| RS5162 | S62 / S51 | LS90 | 13.875 | 22.625 | 8.750 | P1069 | 677(2) | — |
| RS5163 | L3 / EB2 | L3 / EB2 | 10.625 | 15.625 | 5.000 | P119 | RS984 | RS984 |
| RS5164 | L3 / EB2 | L3 / EB2 | 11.875 | 18.125 | 6.250 | P119 | RS984 | RS984 |
| RS5165 | L1 / EB1 | L1 / EB1 | 13.875 | 22.375 | 8.500 | P1059 | RS978 | RS978 |
| RS5166 | S33 / S1 | XP4 | 9.375 | 13.750 | 4.375 | P148 | RS981 | RS980 |
| RS5167 | S33 / S1 | L1 / EB1 | 10.125 | 15.250 | 5.125 | P438P910 | RS981 | RS978 |
| RS5168 | S33 / S1 | LS38 / ES25 | 15.125 | 25.250 | 10.125 | P438 | RS981 | RS980 |
| RS5169 | L3 / EB2 | L3 / EB2 | 12.625 | 19.625 | 7.000 | P119P967 | RS984 | RS984 |
| RS5179 | S33 / S1 | L1 / EB1 | 14.000 | 22.250 | 8.250 | P438P920 | RS979 | RS978 |
| RS5180 | L3 / EB2 | L3 / EB2 | 13.500 | 21.375 | 7.875 | P119 | RS984 | RS984 |
| RS5181 | XP8 / BP13 | L1 / EB1 | 14.000 | 22.250 | 8.250 | P912P915 | RS980 | RS978 |
| RS5182 | S33 / S1 | S33 / S1 | 11.250 | 18.125 | 6.875 | Two P438 | RS981 | RS981 |
| RS5183 | S33 / S1 | L3 / EB2 | 10.875 | 16.750 | 5.875 | P120P438 | RS979 | RS984 |
| RS5184 | L3 / EB2 | L3 / EB2 | 13.000 | 20.250 | 7.250 | P119 | RS984 | RS984 |
| RS5185 | XP7 / BP8 | L1 / EB1 | 16.000 | 26.250 | 10.250 | P941 | RS980 | RS978 |
| RS5186 | S42 | L1 / EB1 | 13.250 | 21.500 | 8.250 | P1134 | — | RS978 |

Rancho only engineers its shock absorbers for the applications listed in this catalog. Misapplication of Rancho shock absorber will result in reduced handling and braking ability and voids warranty. Product Specifications Subject To Change Without Notice.

NOTE: Internal extension bumper may reduce perceived extended length by 1/2".

Extended and collapsed length dimensions shown for RS5000 shocks, others may vary slightly.

| PART NO. | MOUNTING CODES | | LENGTHS | | | STANDARD PARTS PACK | FOR URETHANE REPLACEMENT (BUSHING KIT) | |
|----------------------------------|-----------------|-----------------|---------|--------|--------|---------------------|--|-------|
| | NEW / OLD Upper | NEW / OLD Lower | Comp. | Ext. | Trav. | | Upper | Lower |
| RANCHO RS5000 — Continued | | | | | | | | |
| RS5187 | S33 / S1 | L3 / EB2 | 12.875 | 20.750 | 7.875 | P120P148 | RS979 | RS984 |
| RS5188 | S33 / S1 | L1 / EB1 | 8.375 | 12.500 | 4.125 | P438P910 | RS981 | RS978 |
| RS5190 | XP7 / BP8 | LS87 | 15.500 | 25.500 | 10.000 | | RS980 | RS984 |
| RS5193 | XP5 / BP7 | LS87 | 14.250 | 22.875 | 8.625 | | RS980 | RS984 |
| RS5194 | L1 / EB1 | L1 / EB1 | 14.250 | 23.125 | 8.875 | P1013 | RS978 | RS978 |
| RS5195 | S52 / S50 | L3 / EB2 | 9.375 | 13.750 | 4.375 | P120P1029P1036 | — | RS984 |
| RS5197 | S52 / S50 | L3 / EB2 | 14.375 | 21.750 | 7.375 | P120P1029P1036 | — | RS984 |
| RS5198 | L3 / EB2 | L3 / EB2 | 15.250 | 24.625 | 9.375 | P119P1036 | RS984 | RS984 |
| RS5199 | S34 | XP8 / BP13 | 8.750 | 13.125 | 4.375 | P171 | RS979 | RS980 |
| RS5201 | S34 | S34 | 11.375 | 18.125 | 6.750 | P840 | RS981 | RS981 |
| RS5202 | L3 / EB2 | L3 / EB2 | 15.125 | 23.625 | 8.500 | P575 | RS984 | RS984 |
| RS5203 | L1 / EB1 | LS82 | 12.375 | 19.125 | 6.750 | | RS978 | RS984 |
| RS5204 | S33 / S1 | S33 / S1 | 11.375 | 18.500 | 7.125 | Two P438 | RS981 | RS981 |
| RS5205 | L1 / EB1 | L1 / EB1 | 14.125 | 22.250 | 8.125 | | RS978 | RS978 |
| RS5206 | S33 / S1 | L3 / EB2 | 13.625 | 21.625 | 8.000 | P120P438 | RS979 | RS984 |
| RS5207 | S52 / S50 | S52 / S50 | 14.375 | 23.375 | 9.000 | Two P1029 | — | — |
| RS5208 | S52 / S50 | L3 / EB2 | 13.875 | 22.500 | 8.625 | P120P1029 | — | RS984 |
| RS5213 | S42 | LS82 | 11.750 | 18.375 | 6.625 | P1134 | — | RS984 |
| RS5214 | S42 | LS23 / ES17 | 9.700 | 14.990 | 5.290 | P1134 | — | RS980 |
| RS5215 | LS78 | L3 / EB2 | 12.750 | 19.750 | 7.000 | P120 | RS984 | RS984 |
| RS5221 | S52 / S50 | L3 / EB2 | 14.370 | 24.180 | 9.810 | P120P1029P1036 | — | RS984 |
| RS5222 | S42 | XP5 / BP7 | 9.000 | 13.625 | 4.625 | P1134 | — | RS980 |
| RS5223 | S42 | LS24 / EB65 | 9.000 | 13.625 | 4.625 | P1134 | — | RS980 |
| RS5225 | L3 / EB2 | L3 / EB2 | 16.250 | 26.750 | 10.500 | P119P1036 | RS984 | RS984 |
| RS5226 | L3 / EB2 | L3 / EB2 | 12.750 | 20.375 | 7.625 | P119 | RS984 | RS984 |
| RS5227 | XP5 / BP7 | LS87 | 16.625 | 27.375 | 10.750 | | RS980 | RS984 |
| RS5229 | S42 | XP4 | 13.625 | 18.125 | 4.500 | P941P1136 | — | RS980 |
| RS5233 | S42 | LS88 | 10.125 | 14.250 | 4.125 | P1136 | — | RS980 |
| RS5234 | S42 | LS26 | 16.125 | 27.250 | 11.125 | P1136 | — | RS980 |
| RS5235 | S51 | XP5 / BP7 | 10.375 | 14.875 | 4.500 | P1167 | — | RS980 |
| RS5236 | S42 | LS26 | 14.125 | 23.375 | 9.250 | P1135 | — | RS980 |
| RS5237 | S42 | LS88 | 14.000 | 18.000 | 4.000 | P1136 | — | RS980 |
| RS5238 | S42 | LS26 | 17.875 | 28.625 | 10.750 | P1136 | — | RS980 |
| RS5239 | S42 | XP4 | 12.500 | 19.875 | 7.375 | P1136 | — | RS980 |
| RS5240 | XP12 / BP18 | L1 / EB1 | 12.250 | 19.000 | 6.750 | P920 | RS980 | RS978 |
| RS5241 | XP12 / BP18 | L1 / EB1 | 13.500 | 20.875 | 7.375 | P920 | RS980 | RS978 |
| RS5244 | LS89 | LS74 | 14.000 | 21.625 | 7.625 | | RS980 | RS980 |
| RS5246 | L1 / EB1 | L1 / EB1 | 14.125 | 22.875 | 8.750 | P1013 | RS978 | RS978 |
| RS5247 | S51 | LS43 | 14.250 | 23.375 | 9.125 | P1271 | — | RS978 |
| RS5248 | LS28 / ES18 | LS28 / ES18 | 14.875 | 24.000 | 9.125 | | RS980 | RS980 |
| RS5251 | S42 | LS43 | 16.250 | 27.250 | 11.000 | P1134 | — | — |
| RS5252 | S33 / S1 | LS23 / ES17 | 9.635 | 14.250 | 4.615 | P438 | RS979 | RS980 |
| RS5255 | S42 | XP4 | 15.750 | 26.500 | 10.750 | P1134 | — | RS980 |
| RS5256 | XP12 / BP18 | L1 / EB1 | 15.000 | 24.625 | 9.625 | P920 | RS980 | RS978 |
| RS5601 | L1 / EB1 | L1 / EB1 | 12.375 | 19.625 | 7.250 | | RS978 | RS978 |
| RS5602 | S33 / S1 | XP1 | 8.875 | 13.125 | 4.250 | P438 | RS981 | RS980 |
| RS5604 | L1 / EB1 | S33 / S1 | 11.625 | 18.625 | 7.000 | P438 | RS980 | RS981 |
| RS5605 | S33 / S1 | L1 / EB1 | 8.750 | 13.125 | 4.375 | P438P952 | RS981 | RS978 |
| RS5606 | S33 / S1 | L1 / EB1 | 9.250 | 13.875 | 4.625 | P438P829 | RS981 | RS978 |
| RS5607 | S33 / S1 | S33 / S1 | 11.750 | 19.625 | 7.875 | Two P438 | RS981 | RS981 |
| RS5609 | S42 | XP5 / BP7 | 9.125 | 14.375 | 5.250 | P1134 | — | RS980 |
| RS5761 | S52 / S50 | LS43 | 13.500 | 18.125 | 4.625 | P1029 | — | — |
| RANCHO RS9000 | | | | | | | | |
| RS9001 | L1 / EB1 | L1 / EB1 | 13.250 | 20.750 | 7.500 | P816P976 | RS978 | RS978 |
| RS9005 | L1 / EB1 | L2 / EB4 | 17.250 | 28.625 | 11.375 | P934 | RS978 | RS992 |
| RS9006 | L1 / EB1 | L1 / EB1 | 11.625 | 17.625 | 6.000 | P915P920P1057 | RS978 | RS978 |
| RS9007 | L1 / EB1 | L1 / EB1 | 14.750 | 23.750 | 9.000 | P1013 | RS978 | RS978 |
| RS9008 | L1 / EB1 | L1 / EB1 | 13.625 | 27.750 | 14.125 | P915P920P1057 | RS978 | RS978 |
| RS9009 | S33 / S1 | L1 / EB1 | 15.625 | 26.125 | 10.500 | P910P974 | RS979 | RS978 |
| RS9010 | L1 / EB1 | L1 / EB1 | 15.875 | 26.000 | 10.125 | P915P920P1057 | RS978 | RS978 |
| RS9012 | L1 / EB1 | L1 / EB1 | 19.000 | 32.250 | 13.250 | P915P934 | RS978 | RS978 |
| RS9014 | S33 / S1 | S33 / S1 | 14.625 | 24.625 | 10.000 | Two P974 | RS979 | RS979 |
| RS9017 | S33 / S1 | L1 / EB1 | 15.125 | 25.125 | 10.000 | P829P974 | RS979 | RS978 |
| RS9019 | S33 / S1 | L1 / EB1 | 9.625 | 14.125 | 4.500 | P910P974P1013 | RS979 | RS978 |
| RS9112 | L1 / EB1 | L1 / EB1 | 15.875 | 26.125 | 10.250 | P913P915P1013 | RS978 | RS978 |
| RS9113 | L1 / EB1 | L1 / EB1 | 12.875 | 20.125 | 7.250 | P916 | RS978 | RS978 |
| RS9114 | L2 / EB4 | L2 / EB4 | 15.125 | 24.250 | 9.125 | P939 | RS992 | RS992 |
| RS9115 | S33 / S1 | L1 / EB1 | 12.875 | 20.625 | 7.750 | P910P974 | RS979 | RS978 |
| RS9116 | L1 / EB1 | L1 / EB1 | 14.750 | 23.750 | 9.000 | P916P1013 | RS978 | RS978 |

In a continuous effort to improve Rancho's mounting code accuracy, Rancho engineering has developed new mounting code designations. These new designations further specify detailed mounting code dimensions. To assist in the transition to the new codes, we have listed both 'Old and New' codes in the mounting and length specification charts.

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NOTE: Internal extension bumper may reduce perceived extended length by 1/2".
Extended and collapsed length dimensions shown for RS5000 shocks, others may vary slightly.

| PART NO. | MOUNTING CODES | | LENGTHS | | | STANDARD PARTS PACK | FOR URETHANE REPLACEMENT (BUSHING KIT) | |
|----------------------------------|-----------------|-----------------|---------|--------|--------|---------------------|--|-------|
| | NEW / OLD Upper | NEW / OLD Lower | Comp. | Ext. | Trav. | | Upper | Lower |
| RANCHO RS9000 — Continued | | | | | | | | |
| RS9117 | L1 / EB1 | S33 / S1 | 11.875 | 18.625 | 6.750 | P910P974 | RS978 | RS979 |
| RS9118 | L1 / EB1 | L1 / EB1 | 13.875 | 22.125 | 8.250 | P912P915P1013 | RS978 | RS978 |
| RS9119 | L1 / EB1 | L1 / EB1 | 11.625 | 17.750 | 6.125 | P916 | RS978 | RS978 |
| RS9120 | L1 / EB1 | L1 / EB1 | 9.750 | 13.750 | 4.000 | P915P916 | RS978 | RS978 |
| RS9123 | L1 / EB1 | L1 / EB1 | 11.625 | 17.750 | 6.125 | P1084 | RS978 | RS978 |
| RS9124 | XP5 / BP7 | L1 / EB1 | 14.750 | 23.750 | 9.000 | P911 | RS980 | RS978 |
| RS9125 | L1 / EB1 | L1 / EB1 | 14.000 | 22.250 | 8.250 | P920 | RS978 | RS978 |
| RS9126 | L1 / EB1 | L1 / EB1 | 16.000 | 26.125 | 10.125 | P920 | RS978 | RS978 |
| RS9128 | S33 / S1 | XP4 | 12.750 | 20.500 | 7.750 | P840P941 | RS979 | RS978 |
| RS9129 | XP12 / BP18 | L1 / EB1 | 12.750 | 19.875 | 7.125 | | RS980 | RS978 |
| RS9136 | L1 / EB1 | S33 / S1 | 11.125 | 17.125 | 6.000 | P910P974P1013 | RS978 | RS979 |
| RS9138 | S33 / S1 | L1 / EB1 | 12.875 | 20.625 | 7.750 | P910P932P974 | RS979 | RS978 |
| RS9143 | L3 / EB2 | L3 / EB2 | 15.500 | 25.000 | 9.500 | | RS984 | RS984 |
| RS9144 | L3 / EB2 | L3 / EB2 | 14.000 | 21.875 | 7.875 | | RS984 | RS984 |
| RS9145 | S33 / S1 | L1 / EB1 | 9.375 | 13.375 | 4.000 | P974P1016 | RS979 | RS978 |
| RS9147 | LS74 | LS74 | 13.500 | 21.125 | 7.625 | | RS984 | RS984 |
| RS9148 | L1 / EB1 | L1 / EB1 | 11.625 | 17.750 | 6.125 | P951 | RS978 | RS978 |
| RS9151 | L1 / EB1 | L1 / EB1 | 12.125 | 18.500 | 6.375 | P976 | RS978 | RS978 |
| RS9152 | LS77 | LS39 / ES27 | 11.750 | 17.750 | 6.000 | | RS980 | RS980 |
| RS9155 | L1 / EB1 | L1 / EB1 | 11.625 | 17.750 | 6.125 | P972 | RS978 | RS978 |
| RS9156 | S33 / S1 | XP5 / BP7 | 8.375 | 11.625 | 3.250 | P974 | RS979 | RS978 |
| RS9157 | LS43 | S52 / S50 | 13.375 | 21.250 | 7.875 | P967P1029 | — | — |
| RS9158 | S33 / S1 | L3 / EB2 | 13.000 | 20.750 | 7.750 | P974 | RS979 | RS984 |
| RS9159 | S12 | S12 | 12.750 | 21.000 | 8.250 | P969 | — | — |
| RS9165 | L1 / EB1 | L1 / EB1 | 13.875 | 22.250 | 8.375 | P1059 | RS978 | RS978 |
| RS9166 | S33 / S1 | XP5 / BP7 | 9.500 | 13.750 | 4.250 | P1035 | RS981 | RS980 |
| RS9168 | S33 / S1 | L1 / EB1 | 15.250 | 25.250 | 10.000 | P925P974 | RS979 | RS978 |
| RS9179 | S33 / S1 | L1 / EB1 | 14.000 | 22.250 | 8.250 | P920P1035 | RS979 | RS978 |
| RS9180 | L3 / EB2 | L3 / EB2 | 13.500 | 21.125 | 7.625 | | RS984 | RS984 |
| RS9185 | XP5 / BP7 | L1 / EB1 | 16.000 | 26.125 | 10.125 | P941P972 | RS980 | RS978 |
| RS9186 | S33 / S1 | L1 / EB1 | 12.750 | 20.375 | 7.625 | P974 | RS979 | RS978 |
| RS9187 | S33 / S1 | L3 / EB2 | 13.000 | 20.500 | 7.500 | P974 | RS979 | RS984 |
| RS9188 | S33 / S1 | LS23 / ES17 | 8.375 | 11.625 | 3.250 | P974 | RS979 | RS980 |
| RS9190 | XP7 / BP8 | L3 / EB2 | 15.500 | 25.250 | 9.750 | P1023 | RS980 | RS984 |
| RS9193 | XP5 / BP7 | L3 / EB2 | 14.500 | 22.875 | 8.375 | P1023 | RS980 | RS984 |
| RS9194 | L1 / EB1 | LS25 | 14.250 | 22.875 | 8.625 | | RS978 | RS980 |
| RS9195 | S52 / S50 | L3 / EB2 | 9.375 | 13.500 | 4.125 | P1036P1073 | — | RS984 |
| RS9197 | S52 / S50 | L3 / EB2 | 13.750 | 21.625 | 7.875 | P1036P1073 | — | RS984 |
| RS9198 | L3 / EB2 | L3 / EB2 | 15.500 | 25.000 | 9.500 | P1036 | RS984 | RS984 |
| RS9201 | S52 / S50 | S52 / S50 | 11.500 | 18.125 | 6.625 | Two P1073 | — | — |
| RS9202 | L3 / EB2 | L3 / EB2 | 15.125 | 23.625 | 8.500 | P888 | RS984 | RS984 |
| RS9204 | S33 / S1 | S33 / S1 | 11.250 | 18.000 | 6.750 | Two P1035 | RS979 | RS979 |
| RS9205 | L1 / EB1 | L1 / EB1 | 14.125 | 22.125 | 8.000 | | RS978 | RS978 |
| RS9207 | S52 / S50 | S52 / S50 | 14.375 | 23.750 | 9.375 | Two P1073 | — | — |
| RS9208 | S52 / S50 | L3 / EB3 | 13.875 | 22.500 | 8.625 | P1073 | — | RS984 |
| RS9213 | S33 / S1 | LS82 | 11.625 | 18.125 | 6.500 | P1035 | RS979 | — |
| RS9214 | S33 / S1 | LS23 / ES17 | 9.625 | 14.875 | 5.250 | P1035 | RS979 | RS980 |
| RS9215 | LS78 | L3 / EB2 | 12.625 | 19.125 | 6.500 | | RS984 | RS984 |
| RS9221 | S52 / S50 | L3 / EB2 | 14.375 | 23.500 | 9.125 | P1036P1073 | — | RS984 |
| RS9223 | S33 / S1 | LS24 / ES65 | 9.000 | 13.000 | 4.000 | P974 | RS979 | RS980 |
| RS9227 | XP5 / BP7 | L3 / EB2 | 16.750 | 27.125 | 10.375 | P1023 | RS980 | RS984 |
| RS9229 | S33 / S1 | XP4 | 13.625 | 18.000 | 4.375 | P941P974 | RS978 | — |
| RS9233 | S52 / S50 | L2 / EB4 | 10.000 | 14.125 | 4.125 | P1073P1169 | — | RS992 |
| RS9234 | S52 / S50 | L1 / EB1 | 16.250 | 27.250 | 11.000 | P1073P1170 | — | RS978 |
| RS9235 | S52 / S50 | XP5 / BP7 | 10.375 | 15.000 | 4.625 | P1073 | — | RS980 |
| RS9236 | S52 / S50 | LS24 / ES65 | 14.375 | 23.375 | 9.000 | P1073 | — | RS978 |
| RS9237 | S52 / S50 | L2 / EB4 | 14.000 | 18.000 | 4.000 | P1073P1169 | — | RS992 |
| RS9238 | S52 / S50 | L1 / EB1 | 17.875 | 28.625 | 10.750 | P1073P1170 | — | RS978 |
| RS9239 | S42 | XP4 | 12.625 | 20.125 | 7.500 | P1192 | — | RS980 |
| RS9240 | XP12 / BP18 | L1 / EB1 | 12.375 | 19.125 | 6.750 | P920 | RS980 | RS978 |
| RS9241 | XP12 / BP18 | L1 / EB1 | 13.500 | 21.125 | 7.625 | P920 | RS980 | RS978 |
| RS9243 | S52 / S50 | L1 / EB1 | 17.875 | 28.625 | 10.750 | P1073P1223 | — | RS978 |
| RS9244 | L1 / EB1 | L1 / EB1 | 14.000 | 21.625 | 7.625 | P975 | RS978 | RS978 |
| RS9246 | L1 / EB1 | L1 / EB1 | 14.250 | 22.875 | 8.625 | P915P1013 | RS978 | RS978 |
| RS9247 | S52 / S50 | LS43 | 14.000 | 22.500 | 8.500 | P1073 | — | RS978 |
| RS9248 | LS74 | LS74 | 15.125 | 24.125 | 9.000 | | RS984 | RS984 |
| RS9251 | S52 / S50 | L1 / EB1 | 16.250 | 27.250 | 11.000 | P1073P1223 | — | RS978 |
| RS9252 | LS23 / ES17 | S42 | 9.625 | 14.125 | 4.500 | P1192 | RS980 | — |

Rancho only engineers its shock absorbers for the applications listed in this catalog. Misapplication of Rancho shock absorber will result in reduced handling and braking ability and voids warranty. Product Specifications Subject To Change Without Notice.

NOTE: Internal extension bumper may reduce perceived extended length by 1/2".

Extended and collapsed length dimensions shown for RS5000 shocks, others may vary slightly.

| PART NO. | MOUNTING CODES | | LENGTHS | | | STANDARD PARTS PACK | FOR URETHANE REPLACEMENT (BUSHING KIT) | |
|----------------------------------|-----------------|-----------------|---------|--------|--------|---------------------|--|-------|
| | NEW / OLD Upper | NEW / OLD Lower | Comp. | Ext. | Trav. | | Upper | Lower |
| RANCHO RS9000 — Continued | | | | | | | | |
| RS9254 | L1 / EB1 | LS26 | 19.250 | 30.375 | 11.125 | | RS980 | RS980 |
| RS9255 | S42 | XP4 | 15.500 | 25.875 | 10.375 | P1192 | — | RS980 |
| RS9256 | XP12 / BP8 | L1 / EB1 | 14.750 | 24.000 | 9.250 | P920 | RS980 | RS978 |
| RS9260 | LS29 | LS29 | 13.625 | 21.500 | 7.875 | | RS980 | RS980 |
| RS9262 | LS87 | LS87 | 15.500 | 25.125 | 9.625 | | RS992 | RS992 |
| RS9263 | S42 | XP5 / BP7 | 10.375 | 14.375 | 4.000 | P1192 | — | RS980 |
| RS9264 | L1 / EB1 | LS26 | 15.375 | 24.375 | 9.000 | | RS980 | RS980 |
| RS9265 | S51 | SPEC | 10.875 | 15.000 | 4.125 | P1271 | — | — |
| RS9266 | XP7 / BP8 | LS26 | 18.375 | 27.625 | 9.250 | | RS980 | RS980 |
| RS9267 | L1 / EB1 | LS26 | 14.250 | 22.250 | 8.000 | | RS980 | RS980 |
| RS9268 | S51 | SPEC | 13.875 | 20.750 | 6.875 | P1271 | — | — |
| RS9269 | LS87 | LS87 | 16.875 | 27.750 | 10.875 | | RS992 | RS992 |
| RS9270 | S51 | XP5 / BP7 | 14.625 | 21.000 | 6.375 | P1271 | — | RS980 |
| RS9271 | S42 | XP4 | 12.750 | 20.500 | 7.750 | P941P1271 | — | RS980 |
| RS9272 | S51 | L1 / EB1 | 10.000 | 14.875 | 4.875 | P1270 | — | RS978 |
| RS9273 | L1 / EB1 | LS26 | 16.000 | 26.375 | 10.375 | | RS978 | RS980 |
| RS9274 | L3 / EB2 | L3 / EB2 | 16.125 | 26.250 | 10.125 | P119P1036 | RS984 | RS984 |
| RS9275 | XP7 / BP8 | L1 / EB1 | 19.000 | 32.250 | 13.250 | P915P934 | RS980 | RS978 |
| RS9276 | S51 | L3 / EB2 | 11.500 | 17.500 | 6.000 | P1036P1270 | — | RS984 |
| RANCHO RSX17000 SHOCK | | | | | | | | |
| RSX17000 | LS39 / ES27 | LS39 / ES27 | 11.625 | 16.500 | 4.875 | | | |
| RSX17001 | XP7 / BP8 | LS47 / ES24 | 14.250 | 22.875 | 8.625 | | | |
| RSX17002 | L2 / EB4 | L2 / EB4 | 13.250 | 21.250 | 8.000 | | | |
| RSX17003 | LS39 / ES27 | L2 / EB4 | 15.625 | 26.250 | 10.625 | | | |
| RSX17004 | LS28 / ES18 | LS28 / ES18 | 15.375 | 24.500 | 9.125 | | | |
| RSX17005 | L1 / EB1 | L1 / EB1 | 11.750 | 18.125 | 6.375 | P1265 | | |
| RSX17006 | L1 / EB1 | L1 / EB1 | 12.750 | 19.625 | 6.875 | | | |
| RSX17007 | L2 / EB4 | LS24 / LS38 | 13.000 | 20.250 | 7.250 | P1267 | | |
| RSX17008 | L1 / EB1 | L1 / EB1 | 13.250 | 21.125 | 7.875 | P1266 | | |
| RSX17009 | L2 / EB4 | LS26 | 14.875 | 24.750 | 9.875 | | | |
| RSX17010 | S42 | LS26 | 10.000 | 14.625 | 4.625 | P1269 | | |
| RSX17011 | S51 | LS43 | 14.375 | 23.500 | 9.125 | P1271 | | |
| RSX17012 | LS26 | LS26 | 14.000 | 22.375 | 8.375 | | | |
| RSX17013 | L1 / EB1 | LS26 | 15.875 | 26.375 | 10.500 | | | |
| RSX17014 | S51 | XP5 / BP7 | 10.250 | 14.875 | 4.625 | P1271 | | |
| RSX17015 | S51 | LS26 | 14.500 | 24.250 | 9.750 | P1271 | | |
| RSX17016 | L1 / EB1 | LS26 | 13.500 | 21.750 | 8.250 | | | |
| RSX17017 | S42 | L1 / EB1 | 9.875 | 14.500 | 4.625 | P1269 | | |
| RSX17018 | XP7 / BP8 | LS26 | 14.750 | 23.625 | 8.875 | P941 | | |
| RSX17019 | S42 | L2 / EB4 | 11.500 | 18.375 | 6.875 | P1269 | | |
| RSX17020 | S51 | LS88 | 9.750 | 14.125 | 4.375 | P1271 | | |
| RSX17021 | S42 | XP4 | 13.250 | 17.500 | 4.250 | P941P1269 | | |
| RSX17022 | L2 / EB4 | LS26 | 14.125 | 23.000 | 8.875 | | | |
| RSX17023 | LS26 | LS26 | 14.000 | 22.250 | 8.250 | | | |
| RSX17024 | S51 | LS26 | 15.875 | 26.875 | 11.000 | P1271 | | |
| RSX17025 | S51 | LS26 | 10.500 | 15.625 | 5.125 | P1271 | | |
| RSX17026 | S51 | LS26 | 10.125 | 15.000 | 4.875 | P1271 | | |
| RSX17027 | S51 | LS43 | 16.250 | 27.375 | 11.125 | P1271 | | |
| RSX17028 | L2 / EB4 | LS26 | 14.000 | 22.250 | 8.250 | | | |
| RSX17029 | L2 / EB4 | LS26 | 14.375 | 23.000 | 8.625 | P827 | | |
| RSX17030 | L1 / EB1 | LS26 | 16.125 | 26.375 | 10.250 | P827 | | |
| RSX17031 | S51 | LS47 | 9.500 | 13.750 | 4.250 | P1271 | | |
| RSX17032 | LS47 / ES34 | LS47 / ES34 | 15.375 | 24.750 | 9.375 | | | |
| RSX17033 | S51 | LS47 / ES34 | 13.875 | 21.625 | 7.750 | P1271 | | |
| RSX17036 | S42 | XP4 | 12.875 | 20.500 | 7.625 | P941P1270 | | |
| RSX17037 | L1 / EB1 | LS25 | 13.375 | 21.125 | 7.750 | | | |
| RSX17038 | S42 | LS38 / ES25 | 14.500 | 24.375 | 9.875 | P1269 | | |
| RSX17039 | L1 / EB1 | LS38 / ES25 | 12.000 | 18.375 | 6.375 | | | |
| RSX17040 | XP12 / BP18 | LS37 / ES24 | 12.625 | 20.125 | 7.500 | | | |
| RSX17041 | S42 | XP4 | 13.250 | 21.125 | 7.875 | P1270 | | |
| RSX17042 | S42 | XP4 | 12.875 | 20.375 | 7.500 | P1270 | | |
| RSX17043 | XP12 / BP18 | L2 / EB4 | 13.000 | 19.875 | 6.875 | | | |
| RSX17044 | LS77 | LS39 / ES27 | 11.375 | 16.625 | 5.250 | | | |
| RSX17045 | XP7 / BP8 | LS47 / ES34 | 16.125 | 26.750 | 10.625 | | | |
| RSX17046 | S42 | XP5 / BP7 | 9.500 | 13.750 | 4.250 | P1268 | | |
| RSX17047 | XP7 | LS47 / ES34 | 15.500 | 25.125 | 9.625 | | | |
| RSX17048 | XP7 / BP8 | LS47 / ES34 | 14.875 | 23.750 | 8.875 | | | |
| RSX17049 | XP7 / BP8 | LS47 / ES34 | 14.000 | 22.500 | 8.500 | | | |

In a continuous effort to improve Rancho's mounting code accuracy, Rancho engineering has developed new mounting code designations. These new designations further specify detailed mounting code dimensions. To assist in the transition to the new codes, we have listed both 'Old and New' codes in the mounting and length specification charts.

Specifications

All listed specifications are for convenience only and are subject to change without notice.
Specifications are not intended for design of custom applications.

NOTE: Internal extension bumper may reduce perceived extended length by 1/2".

| PART NO. | MOUNTING CODES | | LENGTHS | | | STANDARD PARTS PACK | FOR URETHANE REPLACEMENT (BUSHING KIT) | |
|--|-----------------|-----------------|---------|--------|--------|---------------------|--|-------|
| | NEW / OLD Upper | NEW / OLD Lower | Comp. | Ext. | Trav. | | Upper | Lower |
| RANCHO RSX17000 SHOCK — Continued | | | | | | | | |
| RSX17050 | S42 | XP4 | 8.500 | 12.250 | 3.750 | P1268 | | |
| RSX17051 | L1 / EB1 | LS36 / ES23 | 10.000 | 14.750 | 4.750 | P19 | | |
| RSX17052 | LS26 | LS26 | 13.750 | 21.625 | 7.875 | | | |
| RSX17053 | S42 | LS26 | 11.625 | 18.500 | 6.875 | P864P1269 | | |
| RSX17054 | S42 | LS26 | 9.875 | 14.500 | 4.625 | P1269 | | |
| RSX17058 | LS40 / ES82 | LS40 / ES82 | 13.250 | 21.125 | 7.875 | | | |
| RSX17060 | S42 | XP4 | 9.000 | 13.375 | 4.375 | P1268 | | |
| RSX17061 | LS37 / ES24 | LS37 / ES24 | 11.750 | 18.125 | 6.375 | P816 | | |
| RSX17062 | L2 / EB4 | LS47 / ES34 | 13.875 | 22.750 | 8.875 | P19 | | |
| RSX17065 | L2 / EB4 | L2 / EB4 | 14.375 | 23.000 | 8.625 | | | |
| RSX17068 | S51 | SPEC | 10.875 | 14.625 | 3.750 | P1271 | | |
| RSX17069 | LS87 | LS87 | 15.500 | 25.375 | 9.875 | | | |
| RSX17070 | S42 | XP5 / BP7 | 10.375 | 14.375 | 4.000 | P1269 | | |
| RSX17071 | L1 / EB1 | LS26 | 14.125 | 22.625 | 8.500 | | | |
| RSX17072 | L1 / EB1 | LS26 | 19.375 | 30.375 | 11.000 | | | |
| RSX17073 | LS29 | LS25 | 13.750 | 21.250 | 7.500 | | | |
| RSX17074 | S51 | L1 / EB1 | 10.000 | 14.750 | 4.750 | P1271 | | |
| RSX17075 | L1 / EB1 | LS26 | 16.500 | 28.000 | 11.500 | | | |
| RSX17123 | S42 | LS23 / ES17 | 8.000 | 11.500 | 3.500 | P1268 | | |
| RSX17124 | L1 / EB1 | L1 / EB1 | 13.750 | 22.500 | 8.750 | | | |
| RSX17301 | L2 / EB4 | LS26 | 14.875 | 24.500 | 9.625 | | | |
| RSX17302 | S51 | LS26 | 12.000 | 18.875 | 6.875 | P1271 | | |
| RSX17303 | S42 | L2 / EB4 | 14.000 | 22.750 | 8.750 | P1269 | | |
| RSX17304 | L2 / EB4 | L2 / EB4 | 15.125 | 25.000 | 9.875 | | | |
| RSX17305 | S42 | LS26 | 11.250 | 17.125 | 5.875 | P1269 | | |
| RSX17306 | LS28 / ES18 | LS28 / ES18 | 15.125 | 24.500 | 9.375 | | | |
| RSX17307 | LS47 / ES34 | LS47 / ES34 | 15.375 | 25.250 | 9.875 | | | |
| RSX17308 | S51 | LS26 | 14.375 | 24.000 | 9.625 | P1271 | | |
| RSX17309 | LS39 / ES27 | LS39 / ES27 | 13.750 | 22.375 | 8.625 | | | |
| RSX17310 | L2 / EB4 | LS26 | 16.000 | 26.750 | 10.750 | | | |
| RSX17311 | S51 | LS26 | 17.625 | 29.250 | 11.625 | P1271 | | |
| RSX17312 | L2 / EB4 | LS26 | 14.000 | 22.750 | 8.750 | | | |
| RSX17313 | S42 | L1 / EB1 | 11.125 | 16.875 | 5.750 | P1269 | | |
| RSX17314 | XP7 / BP8 | LS26 | 16.000 | 26.875 | 10.875 | | | |
| RSX17315 | XP7 / BP8 | LS47 / ES34 | 16.375 | 27.000 | 10.625 | | | |
| RSX17316 | LS77 | LS39 / ES27 | 13.750 | 21.625 | 7.875 | | | |
| RSX17317 | S42 | XP4 | 13.125 | 20.125 | 7.000 | P1270 | | |
| RSX17318 | XP12 / BP18 | L2 / EB4 | 13.000 | 19.875 | 6.875 | | | |
| RSX17319 | L1 / EB1 | L1 / EB1 | 11.750 | 18.000 | 6.250 | P1265 | | |
| RSX17320 | L1 / EB1 | L1 / EB1 | 14.000 | 22.250 | 8.250 | | | |
| RSX17321 | L1 / EB1 | LS38 / ES25 | 13.000 | 20.750 | 7.750 | P1267 | | |
| RSX17322 | L1 / EB1 | L1 / EB1 | 14.000 | 22.250 | 8.250 | P1266 | | |
| RSX17323 | S42 | XP4 | 12.750 | 20.375 | 7.625 | P941P1270 | | |
| RSX17324 | L1 / EB1 | LS25 | 14.375 | 23.000 | 8.625 | | | |
| RSX17325 | S42 | XP4 | 12.500 | 19.750 | 7.250 | P1270 | | |
| RSX17326 | XP12 / BP18 | LS37 / ES24 | 13.375 | 20.875 | 7.500 | | | |
| RSX17327 | S42 | LS38 / ES25 | 15.250 | 25.250 | 10.000 | P1269 | | |
| RSX17328 | L1 / EB1 | LS38 / ES25 | 14.000 | 22.250 | 8.250 | | | |
| RSX17329 | S51 | LS88 | 13.750 | 18.000 | 4.250 | P1271 | | |
| RSX17330 | LS39 / ES27 | L2 / EB4 | 17.375 | 29.000 | 11.625 | | | |
| RSX17331 | S51 | LS43 | 18.000 | 28.625 | 10.625 | P1271 | | |
| RSX17332 | LS26 | LS26 | 15.750 | 25.875 | 10.125 | | | |
| RSX17333 | S51 | SPEC | 14.000 | 20.500 | 6.500 | P1271 | | |
| RSX17338 | L3 / EB2 | LS87 | 17.000 | 27.875 | 10.875 | P1298 | | |
| RSX17339 | S42 | XP4 | 15.750 | 26.250 | 10.500 | P1268 | | |
| RSX17340 | XP12 / BP8 | LS37 / ES24 | 15.000 | 24.375 | 9.375 | | | |
| RSX17341 | L1 / EB1 | LS26 | 15.250 | 24.250 | 9.000 | | | |
| RSX17342 | L1 / EB1 | LS26 | 19.000 | 32.250 | 13.250 | | | |
| RSX17344 | S51 | XP5 / BP7 | 14.500 | 20.750 | 6.250 | P1271 | | |
| RSX17345 | S42 | XP4 | 12.750 | 20.375 | 7.625 | P941P1270 | | |
| RSX17346 | L3 / EB2 | L3 / EB2 | 15.875 | 25.750 | 9.875 | P119P1036 | | |
| RANCHO RS5400 PREMIUM SHOCK | | | | | | | | |
| RS5401 | L1 / EB1 | L1 / EB1 | 12.125 | 19.250 | 7.125 | P829P837P920 | | |
| RS5402 | S42 | S42 | 12.000 | 20.125 | 8.125 | Two P1134 | | |
| RS5403 | S42 | S42 | 13.000 | 22.125 | 9.125 | Two P1134 | | |
| RS5404 | L1 / EB1 | L1 / EB1 | 14.375 | 23.875 | 9.500 | P837P920P932 | | |
| RS5405 | S42 | L1 / EB1 | 12.625 | 21.625 | 9.000 | P1134 | | |
| RS5406 | L1 / EB1 | L1 / EB1 | 17.625 | 30.250 | 12.625 | | | |
| RS5407 | L1 / EB1 | L1 / EB1 | 12.000 | 19.625 | 7.625 | P837P953 | | |

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