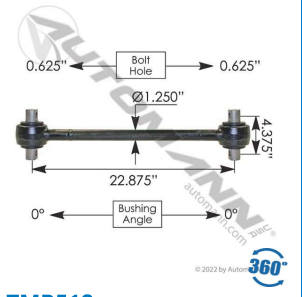
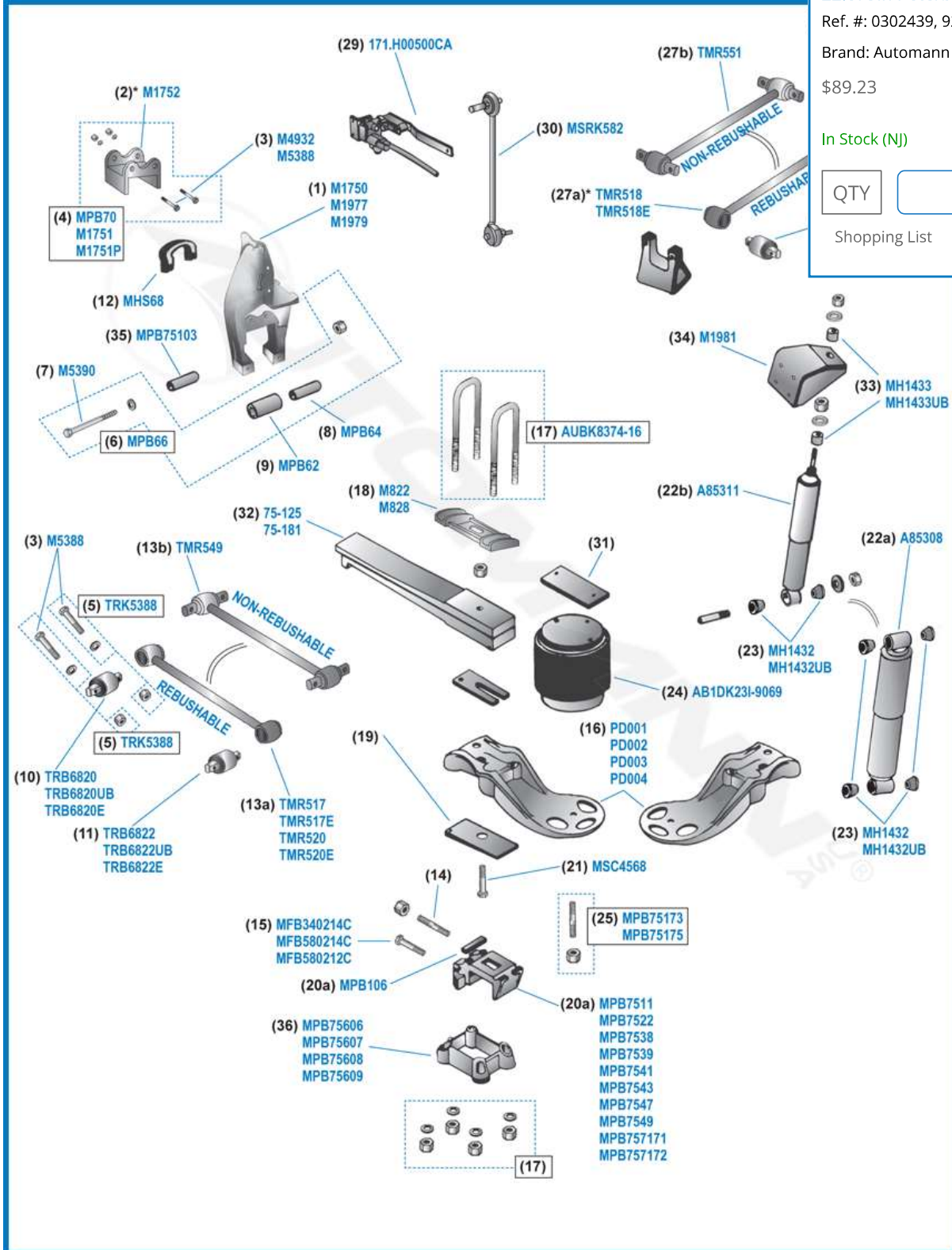




# Suspension Schematic: Peterbilt Rear Air Trac (UPDATED)

Schematic Parts List



## TMR518

Torque Rod Forged  
22.875in Peterbilt

Ref. #: 0302439, 922820

Brand: Automann

\$89.23

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| Key | Part No.                    | OEM Ref.                             | Req. | Description       | Notes   |
|-----|-----------------------------|--------------------------------------|------|-------------------|---|
| 1   | <a href="#">M1750</a>       | 0144406 / 0148280M002                | 2    | Hanger            | Older Style, w/MPB70, Until 6//93 Verify                        |
| 1   | <a href="#">M1977</a>       | 0142590M004 / 0148280M004            | 2    | Hanger            | Newer Style, w/M1751, After 7/93 Verify, Web 7/16" Thk.         |
| 1   | <a href="#">M1979</a>       | 0308161 / 12370AA                    | 2    | Hanger            | Web 3/4" Thk., Use w/M1751                                      |
| 2   | <a href="#">M1752</a>       | 306219                               | 2    | Wear Pad Only     | For 1/2" Bolts, Used in MBP70 Kit                               |
| 3   | <a href="#">M4932</a>       |                                      | 2    | Bolt              | 1/2"-13 x 6-1/2", Uses LNC102 & MUBW144, For MPB70              |
| 3   | <a href="#">M5388</a>       | 2700283028 / D84001678 / HWC01678    | 2    | Bolt              | 5/8"-18 x 7.0", Uses LN104 & MUBW164, For M1751                 |
| 4   | <a href="#">MPB70</a>       | 2312566                              | 2    | Wear Pad Kit      | For 1/2" Bolts, Uses M1752 Pad                                  |
| 4   | <a href="#">M1751</a>       | 307296                               | 2    | Wear Pad Kit      | For 5/8" Bolts, Wear Pad Not Sold Separately                    |
| 5   | <a href="#">TRK5388</a>     |                                      | 4    | Bolt Kit          | 5/8"-18 x 7.0" Lg., w/Hrdw.                                     |
| 6   | <a href="#">MPB66</a>       |                                      | 2    | Bolt Kit          | 5/8"-18 x 7-1/2", w/MPB62 & Hrdw.                               |
| 7   | <a href="#">M5390</a>       | 2700285030 / D84006640               | 2    | Bolt              | 5/8"-18 x 7-1/2"  |
| 8   | <a href="#">MPB64</a>       | 304624                               | 2    | Roller            | Steel, 11/16" ID x 1.0" OD x 5-5/32" Lg.                        |
| 9   | <a href="#">MPB62</a>       | 304623                               | 2    | Roller            | Poly, 1-1/16" ID x 2.0" OD x 5-3/16" Lg                         |
| 10  | <a href="#">TRB6820</a>     | 44695000 / 227720                    | 4    | Bushing           | For 5/8" Bolts, 1-1/16" ID x 2.0" OD x 5-3/16" Lg               |
| 10  | <a href="#">TRB6820UB</a>   |                                      | 4    | Bushing           | Poly  |
| 10  | <a href="#">TRB6820E</a>    |                                      | 4    | Bushing           | Rotational Poly   |
| 11  | <a href="#">TRB6822</a>     | 227723                               | 2    | Bushing           | 2-3/4" OD x 4-3/8" CtoC, For 3/4" Bolts                         |
| 11  | <a href="#">TRB6822UB</a>   |                                      | 2    | Bushing           | Poly  |
| 11  | <a href="#">TRB6822E</a>    |                                      | 2    | Bushing           | Rotational Poly   |
| 12  | <a href="#">MHS68</a>       |                                      | 0    | Shim              | 1/16" Thk. 4-3/8" CtoC  |
| 13a | <a href="#">TMR517</a>      | 0304119 / 924170                     | 2    | Rigid T/Rod       | 17.34", w/5/8" Bolts w/2-TRB6820                                |
| 13a | <a href="#">TMR517E</a>     |                                      | 2    | Rigid T/Rod       | w/2-TRB6820E  |
| 13a | <a href="#">TMR520</a>      | 0304327 / 924175                     | 2    | Rigid T/Rod       | 17.34", w/3/4" Bolts w/1-TRB6820 & 1-TRB6822                    |
| 13a | <a href="#">TMR520E</a>     |                                      | 2    | Rigid T/Rod       | Rotational Poly w/1-TRB6820E & 1-TRB6822E                       |
| 13b | <a href="#">TMR549</a>      | C656016000010440                     | 2    | Rigid T/Rod       | 17.34", w/3/4" Bolts on T/R Axle Bracket, Sealed Ver. of TMR520 |
| 14  | Ref.                        | 301767                               | 4    | Stud              | 5/8", Can Use MFB580212C w/MKW70                                |
| 15  | <a href="#">MFB340214C</a>  | 2700286009 / D84001996               | 4    | Flange Bolt       | 3/4"-10 x 2-1/4", Can Use MFB340212C w/MUBW174                  |
| 15  | <a href="#">MFB580214C</a>  | 2700745009 / D84006200               | 4    | Flange Bolt       | 5/8"-11 x 2-1/4", Can Use MFB580212C w/MKW68                    |
| 15  | <a href="#">MFB580212C</a>  | 2700745010 / D84006622               | 5    | Flange Bolt       | 5/8"-11 x 2-1/2"  |
| 16  | <a href="#">PD001</a>       | 0302559L / 0308403L                  | 1    | Air Spring Paddle | LH, Cast to '99, 40K  |
| 16  | <a href="#">PD001</a>       | 0306796L / 0307346L                  | 1    | Air Spring Paddle | LH, OEM is Aluminum, 40K (Add'l OEM 0308402L)                   |
| 16  | <a href="#">PD002</a>       | 0302559R / 0308403R                  | 1    | Air Spring Paddle | RH, Cast to '99, 40K  |
| 16  | <a href="#">PD002</a>       | 0306796R / 0307346R                  | 1    | Air Spring Paddle | RH, OEM is Aluminum, 40K (Add'l OEM 0308402R)                   |
| 16  | <a href="#">PD003</a>       | 0306747L / 0308163L                  | 1    | Air Spring Paddle | LH, Cast 2000 & Up, 46K   |
| 16  | <a href="#">PD004</a>       | 0306747R / 0308163R                  | 1    | Air Spring Paddle | RH, Cast 2000 & Up, 46K   |
| 17  | <a href="#">AUBK8374-16</a> | 0303134151 / 0304516150 / 0304516155 | 2    | Ubolt Kit         | 1.0" x 4.0" Sr. x 16.0" Lg., Verify, OEM is 15-1/4"             |
| 18  | <a href="#">M822</a>        | 301656                               | 2    | Ubolt Saddle      | OEM is Aluminum   |



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|------|--------------------------------|-------|---|--------------|---------|----------------------|--|------|
| 20a  | <a href="#">MPB106</a>         |       | 302730002   |              | 0       | Camber Spacer        |  |      |
| 20b  | <a href="#">MPB7511</a>        |       | 0306821M001   |              | 2       | Axle Seat            |  |      |
| 20b  | <a href="#">MPB7522</a>        |       | 0306822M001   |              | 2       | Axle Seat            |  |      |
| 20b  | <a href="#">MPB7538</a>        |       | 0307348M001   |              | 2       | Axle Seat            |  |      |
| 20b  | <a href="#">MPB7539</a>        |       | 0307349M001   |              | 2       | Axle Seat            |  |      |
| 20b  | <a href="#">MPB7541</a>        |       | 0308241M001   |              | 2       | Axle Seat            | Opening One Side at Ubolt w/T-Rod Mount                          |      |
| 20b  | <a href="#">MPB7543</a>        |       | 0308343M001   |              | 2       | Axle Seat            | w/T-Rod Mounting Holes   |      |
| 20b  | <a href="#">MPB7547</a>        |       | 0308344M001   |              | 2       | Axle Seat            |  |      |
| 20b  | <a href="#">MPB7549</a>        |       | 0308249M001   |              | 2       | Axle Seat            |  |      |
| 20b  | <a href="#">MPB757171</a>      |       | 0307170M001L  |              | 2       | Axle Seat            | LH   |      |
| 20b  | <a href="#">MPB757172</a>      |       | 0307170M001R  |              | 2       | Axle Seat            | RH   |      |
| 21   | <a href="#">MSC4568</a>        |       | 302583  |              | 2       | Center Bolt          | 3/4"-16 x 4-1/4" Lg., Spc. Head w/Tab                            |      |
| 22a  | <a href="#">A85308</a>         |       | 0304176 / 0301635   |              | 2       | Shock                | Verify w/Shock Catalog, A89422, Before 11/82, EB3/EB3            |      |
| 22b  | <a href="#">A85311</a>         |       | 0304629 / 0307421   |              | 2       | Shock                | Verify w/Shock Catalog, A89424, After 11/82, S21/EB3             |      |
| 23   | <a href="#">MH1432</a>         |       | 0200377 / 73D2002   |              | 8       | Shock Bushing        | 1.0" ID x 1-7/8" OD x 1.0" Thk., Poly MH1432UB                   |      |
| 24   | <a href="#">AB1DK23I-9069</a>  |       | 0304759 / 0307112 / 0301649 / 0306746 / 0302038 / 0302456 / C816022 |              | 2       | Air Spring           |  |      |
| 24   | <a href="#">566.CT64274</a>    |       | 0304759 / 0307112 / 0301649 / 0306746 / 0302038 / 0302456 / C816022 |              | 2       | Air Spring           |  |      |
| 24   | <a href="#">566.ER9069</a>     |       | 0304759 / 0307112 / 0301649 / 0306746 / 0302038 / 0302456 / C816022 |              | 2       | Air Spring           |  |      |
| 25   | <a href="#">MPB75173</a>       |       | 2700173 / D84007754   |              | 2       | Stud Kit             | 1/2"-20 & 1/2"-13 x 5-1/8" Lg. w/Lock Nut                        |      |
| 25   | <a href="#">MPB75175</a>       |       | C346004   |              | 2       | Stud Kit             | 1/2"-20 & 1/2"-13 x 5-1/8" Lg. w/Lock Nut                        |      |
| 26   | <a href="#">M1904</a>          |       | 0302435 / 33783000  |              | 2       | T/Rod Bracket        | Frame Side, 3/4" Bolts   |      |
| 26   | <a href="#">MPB71</a>          |       | 0306830 / 08849AA   |              | 2       | T/Rod Bracket        |  |      |
| 27a  | <a href="#">TMR518</a>         |       | 302439  |              | 1       | T/Rod Rigid          | 22-7/8" CtoC, w/2-TRB6164, Rotational Poly TMR518E               |      |
| 27a  | Ref.                           |       | TR010020210   |              | 1       | T/Rod Rigid          | 22-7/8" CtoC, Non-Rebushable, Can Use TMR518                     |      |
| 27b  | <a href="#">TMR551</a>         |       | 0304251 / 924830  |              | 1       | T/Rod Rigid          | 22-7/8" CtoC, Full Ball, 924830                                  |      |
| 28   | <a href="#">TRB6164</a>        |       | 44694000 / 227710   |              | 2       | Bushing              | For 5/8" Bolts, Poly TRB6164UB, Rotational Poly TRB6164E         |      |
| 29   | <a href="#">171.H00500CA</a>   |       | H00500CA  |              | 1       | Height Control Valve | Hadley Ser. 500  |      |
| 29   | <a href="#">171.H00500CAOE</a> |       | H00500CA  |              | 1       | Height Control Valve | Hadley Ser. 500  |      |
| 30   | <a href="#">MSRK582</a>        |       | HPB4503 / 0306224   |              | 1       | Linkage Kit          | 3-5/8" to 19-5/8" Adjust., Use w/ All Valves, OEM is Fixed 18.0" |      |
| 31   | Ref.                           |       | 0303846 / D84007728   |              | 2       | Spacer               | 3-1/2" Wd. x 8.0" Lg. x 1/2" Thk. x 6-3/16" CtoC                 |      |
| 32   | <a href="#">75-125</a>         |       | C816007 / 0302432   |              | 2       | Spring               |  |      |
| 32   | <a href="#">75-181</a>         |       | C816018   |              | 2       | Spring               |  |      |
| 33   | <a href="#">MH1433</a>         |       | 0304627 / C0M266  |              | 16      | Bushing              | 5/8" ID x 1-13/16" OD x 1-3/16" Hgt., Poly MH1433UB              |      |
| 34   | <a href="#">M1981</a>          |       | C111126 / 0306795   |              | 2       | Shook Bracket        | Upper  |      |



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|    |                          |          |   | Plate              |                |
|----|--------------------------|----------|---|--------------------|----------------|
| 36 | <a href="#">MPB75607</a> | C166007  | 2 | Ubolt Bottom Plate | Slope Angle 9° |
| 36 | <a href="#">MPB75608</a> | C166010  | 2 | Ubolt Bottom Plate | Slope Angle 9° |
| 36 | <a href="#">MPB75609</a> | C166009R | 2 | Ubolt Bottom Plate | Slope Angle 4° |
| SC | <a href="#">75-123</a>   |          | 0 |                    |                |
| SC | <a href="#">75-116</a>   |          | 0 |                    |                |
| SC | <a href="#">75-119</a>   |          | 0 |                    |                |
| SC | <a href="#">75-121</a>   |          | 0 |                    |                |

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