

ELEMENT 24 SERIES TECHNICAL BULLETIN ADVANCED FULCRUM TRACKING (AFT)

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Advanced Fulcrum Tracking (AFT) is a combination of design features incorporated into the Element 24 series product which improves towing stability and tracking. The use of lightweight construction techniques allows the center of gravity to be located to the extreme rear portion of the trailer allowing the axle to be further aft than conventional designs without adversely affecting the tongue weight. The aft located axle improves stability by reducing the length of the body which is cantilevered rear of the axle and subject to inducing forces upon the tow vehicle (i.e. sway and lifting). The single axle configuration improves straight-line tracking by eliminating tracking misalignment common with conventional dual axle systems. The independent trailing arm torsion suspension reduces shock recovery oscillation and trailer body roll on rough or uneven road surfaces.

