

ST Iron Case (Nodular Iron)

Dayton Pinion Support

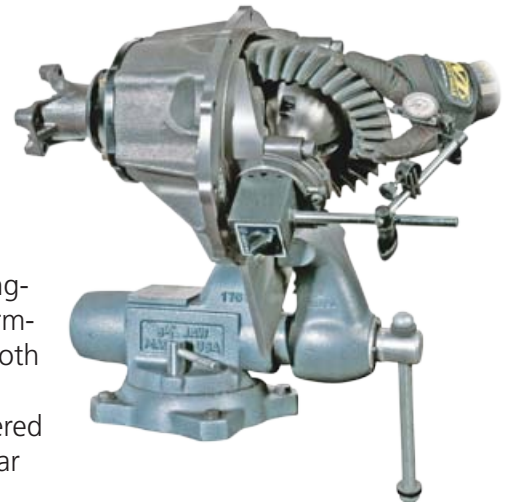
Truetrac Differential (31- or 35-spline)

1350 Chrome-moly Yoke

ST Iron Truetrac Package

(up to 700 hp, Case - 26.70 lb)

The ST Iron package is a completely assembled Ford 9" third member shipped ready to install. Cases are constructed from high-grade nodular iron and feature a radial ribbed design providing more uniform support for the pinion and carrier bearings. The caps, also nodular iron, are designed with increased thickness for added strength and ring-gear stability. Third members are equipped with Truetrac worm-gear differentials, with proven acceleration performance in both strip and handling applications. A Daytona-style iron pinion support is included and features a larger than stock rear tapered pinion bearing and improved oil porting. Ring-and-pinion gear selections include: 3.50, 3.70, 3.89, 4.11, 4.30 and 4.57.



8520-112	ST Iron nodular case, 31-spline Truetrac differential, 8620 gear set with choice of ratio (3.50-4.57), chrome-moly 1350 yoke, Daytona iron pinion support	\$1398.00
8520-122	ST Iron nodular case, 35-spline Truetrac differential, 8620 gear set with choice of ratio (3.50-4.57), chrome-moly 1350 yoke, Daytona iron pinion support	1739.00

Differential

TrueTrac - Torque Sensing (31/35-spline) - STREET/TRACK

The TrueTrac is a worm-type posi-unit, also known as a torque-sensing differential. Unlike an open differential that allows the inside wheel to spin, the TrueTrac will transfer up to 2-1/2 times the amount of torque to the opposite wheel as a wheel begins to lose traction. Using cornering as an example, the inside tire has limited traction due to weight transfer. Torque is transferred to the outside wheel, helping to push the car around the corner. Torque transfer is seamless and quiet; ideal for street, track, or autocross use.



Pinion Support

Daytona Style, Iron - STREET/TRACK/STRIP

The nodular-iron pinion support is suitable for all types of performance applications due to its high strength. The design is based on the popular Daytona pinion support, improving upon an already proven radiused-corner, ribbed reinforcement design. A larger-than-stock rear tapered pinion bearing and improved oil port extend bearing service life.



Pinion Yoke

Chrome-moly

Chrome-moly yokes offer greater strength and reduced deflection for high-torque applications such as drag racing. The chrome-moly yoke can be used with both small- and large-stem pinion gears.



Ring & Pinion Gear Sets

Street/Performance Gear Sets

A wide selection of popular gear ratios is available with select ratios offered as an upgrade. Gears are manufactured from 8620 steel then heat-treated for hardness, durability, and extended service life. First choice for street/strip or road racing.



Available Gear Ratios

3.50	3.70	3.89	4.11	4.30	4.57
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All prices subject to change. Current pricing available at www.cachassisworks.com.



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