

TF&SEYMANS OF SCARBOROUGH LTD.
VALLEY BRIDGE ROAD,
SCARBOROUGH, YORKS.

TRANSPORT DEVELOPMENT



BMC
AUSTIN·MORRIS
FEJ
SERIES

FORWARD CONTROL TRUCKS · TIPPERS · PRIME MOVERS

What's special about the FJ series? Just about everything! Take the cab: it has dynamic exterior styling. It tilts to give easy all-round access to service. And built into it is a wealth of new comfort features... even an extra and a seat hook. Controls are light, planned for safety-handling, the brakes and clutch with servo assistance. The chassis has strong grille frames. The suspension is tough all through. Dimensions are planned to increase effective load area. Many detail refinements are included on the engine. Four headlamps extend night vision range.

With features like these the FJ's attain the five-star targets set at design stage... Superior comfort. Superior handling. Superior performance. Superior reliability. Simpler servicing.

Everyone... operator, driver, mechanic... benefits through the FJ's advantages.

Security... special provision has been incorporated in the steering column cover and axle shafts for the fitting of a steering lock mechanism.

Three basic trucks, each available in five wheelbases... plus three powerful prime movers... give a large range of models to meet your needs.

BMC
FJ
 SERIES WITH TILT CAB AND UNDERFLOOR ENGINE.



never was engine access so easy quickens servicing... gets vehicles back in action sooner

All service engineers will agree that the FJ 60 cab style feature off major servicing times.

Quick release at the fixing points, then up and forward goes the cab, balanced by torsion bar control. No risk of over-tilt.

Everything is revealed and accessible at comfortable working level. No contortious neck-twisting. And minor servicing is simply a matter of removing the engine cover (quick-release lugs and turnbuckles) reached by folding the passenger seat out of the way.

Part of the FJ simple servicing plan is the "communication" of components and their disposition to ease production and service requirements. In practical terms, this means easy interchange, ready availability of spares. Again... a time saver.



simple release 1

Two minutes to get that's needed to loosen and remove the two securing bolts on the cab rear mounting points. Another minute for the steering column quick lock. One and a half more for lowering the gears and gear lever (with ball). A hour and a half minute (at)

torsion bar balance 2

One hour (at) for the cab, which then easily under torsion bar control, with a winch and plunger tilts the truck.

for minor servicing 3

The seat of the passenger seat folds down to allow the whole seat to be tilted out of the way without restricting access when the distributor angle cover is removed.



never was crew-comfort so studied

The FJ cab becomes forward entrance with low step access. Engine underfloor seat and leg room for driver. Cross seat movement, unrestricted. Greater freedom than most, heat, and fumes. Seat trim is washable, with center panels of "breathable" material. Large glazed area with curved screen and two large exterior mirrors. Centre rear window can be lowered. Side windows wired to full drive, quarter-lighting device, all for excellent ventilation. Heater and demister is standard (Heater Model). So are seat belts, safety seat belt, and attachment points for safety belts. Both doors have substantial pockets, and handle cushions give ample space for job hats and more, etc.

For comfort that adds safety controls are planned for easy action to keep the driver fresher through the day.

Comfort continued: the seat has adjuster meant for height, leg rest, and back angle. These are standard FJ controls. A low, low step entrance is provided under passenger seat.



Instrument panel is fully equipped and includes dual air pressure gauges, engine oil level indicator, tachometer, ammeter. Fuel gauges, temperature gauge, oil pressure gauge.



heater

Heater and demister is a standard fitting on all FJ vehicles. Control air export hoses.

screen washer

Again, a standard FJ fitting. Cross spray system with heavy-duty wiper motor. "Wiping" beam, "wiper" wiper.

ashtray

The 16-litre (16.7) capacity integral deep ashtray conveniently mounted in the centre of the front seat.

roof lining

Forward roof lining device aimed to deal with blowing at heat insulation. The whole of the interior trim is covered and well thought for the driver.

coat hook

Another thoughtful FJ feature. Some chattering at seat. Fuses made out of fibre which they can't feel from bolts to gear drive.

door locks

Both doors have special anti-lock bolts fitted for extra security. Extra the screws, too. Driver can enter on both sides.

For extra step taking, all FJ vehicles have an air-hydraulic system with dual (two separate) hand levers for air power assistance. Extra warning is provided to indicate rising wear, as evidenced by pressure on the hydraulically actuated clutch, which has automatic take-up for wear. Tough suspension, and shock absorbers mounted at front, result in an excellent ride, smoothing handling under all conditions. The 1200 FJ has power assisted steering. The brake system has a relay in circuit with solenoids to save intensity — an FJ safety feature. For driver and warning, high adjust frame are fixed.

never was handling so safe.... so light

A five speed gearbox is a standard fitting on all FJ vehicles, with choice of direct to reverse for gear. Simultaneous air separator, main, fourth, and fifth speed, provides need for double air-chambering. Gear change is by a short, reverse-control lever, falling naturally to hand.

Rear-light mounting, enables also to step lamps, which are integral with the tail lamp. The whole unit is large, easily seen.



The wiper incorporates a relay in its circuit for reducing starter intensity by night.

The brake master is specially designed as part of the power-assisting equipment. Slave light for effective control.



The power-assisted clutch pedal is an answer for light foot pressure and short travel.



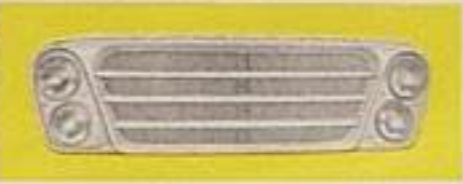
The brake shoes are operated individually via independent lines front and rear from master cylinder. Failure on one side — the other still works. Dual air-pressure switches indicate pressure fall-off to deactivating device, which also tells driver when shock level adjustment.

Equipped by two independent lines to an air valve, a hand-held dual pressure and reverse master cylinder with integral low-pressure valve gives an automatic when necessary to the light pressure results.



All FJ vehicles are fitted with a hydraulically actuated clutch which has an extra assistance. The master cylinder has an integral reservoir, which is integrally connected, however of driver's door, the primary street of road level.

The cab has a four-headlamp installation which gives a better spread of light on full beam, with low beam cut-off when dipped. The sunroof panel and that for the self-cleaning feature is readily accessible on the steering column. Easy-reach toggle switches on handle will give finger tip control of wipers, heater blower, panel lighting and oil level gauge.





BMC 950 FJ TRUCK

First in the FJ range, this truck incorporates all the comfort and efficiency features of the series. Open the driver's door and step in. Easy ... with that low step set forward of the wheel, and a grab handle for a smooth pull up. Hang your coat on the hook and take your seat. Too high ... wind it down. Too far forward ... wind it back. Squab too erect ... set it to your angle. Feel the light clutch action, the short travel of the brake treadle. Start up, move off. Shift from first to second. That's synchronish silky. Take her up to fifth. Feel her go. Check in that big mirror ... and try the braking. So light ... so sure! Dust on the screen? Flick on the washer, the broad arc wipers. Now you see. Sun low? Flip down the visor. Need warmth? There's a heater there as standard. Need cooling? You have option of a fresh-air unit. And you can lower the centre rear window. Door glasses wind full down, too, and the quarter-lights awvert. Smoking? There's a big ashtray top of the fascia. Now shut everything. She's a quiet rider. Smooth, too, with wider spring leaves, shock absorbers at front. Try the switches ... easy reach, easy action. Check the dials. There's one for everything you need to know. At the depot again. Reverse her into a bay. That's light steering. On the servicing side too, everything is made simple. See how easily the tilt cab rises, revealing all of the engine. Take a look under the platform. That's strong-profile framing, with load-spreading cross-members.

The 950 FJ truck is available with five wheelbases:
111", 131", 151", 171", 201". G.V.W. 21,280 lb. (9652 kg.).

FOR PLATING

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950 FJ, 1160 FJ, 1300 FJ TIPPERS

The FJ Tippers are available in 111" or 121" wheelbases. The all-steel and heavy bodies have capacities of 5, 8, or 7 cubic yards respectively, available in accordance with local and export regulations. All three models can be supplied with either hydraulic or cable tipping gear.

TELEPHONE

Body with 10 gauge steel sheet floor supported by pressed channel section members. Sides and ends are rigid. All tapered legs filled with self leveling mechanism.

The 111" wheelbase models are supplied with 2 1/2 ton, hydraulically operated underfloor tipping gear.

The 121" wheelbase models can be supplied with either cable tipping gear from FJ23-152 single unit, FJ23-152 twin unit or hydraulic tipping gear from FJ7 (950 FJ only), FJ23 (1160 FJ) and FJ23 (1300 FJ) units.

ENGINE

Available 10 gauge sheet steel body with tapered channels and multi-ribbed supports.

The 111" wheelbase models are supplied with type 25N and tipping gear.

The 121" wheelbase models can be supplied with either cable tipping gear from 25NC single unit, 25NC twin unit or hydraulic tipping gear from 125.

1160 FJ TRUCK

This FJ model is available in two wheelbase lengths: 111", 121", 131", 141", 151", with a GVW of 25,000 lb. (11,790 kg.). The two speed gearbox is fitted with synchromesh on all gears except first and reverse. The rear axle is fitted on the well known BMC design but incorporates refinements for increased reliability. A two speed box of BMC design is now offered as optional extra. The chassis is built with all-steel frame construction of mild steel. The 5 1/2 ton steel rated conventional rated construction for regular applications. The cab is of all steel construction with double low beam lighting and embodies the wealth of five control features incorporated in the wheel. New buses are fitted for maximum visibility, reduced servicing.



FOR PLATING DETAILS SEE PAGE 11

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