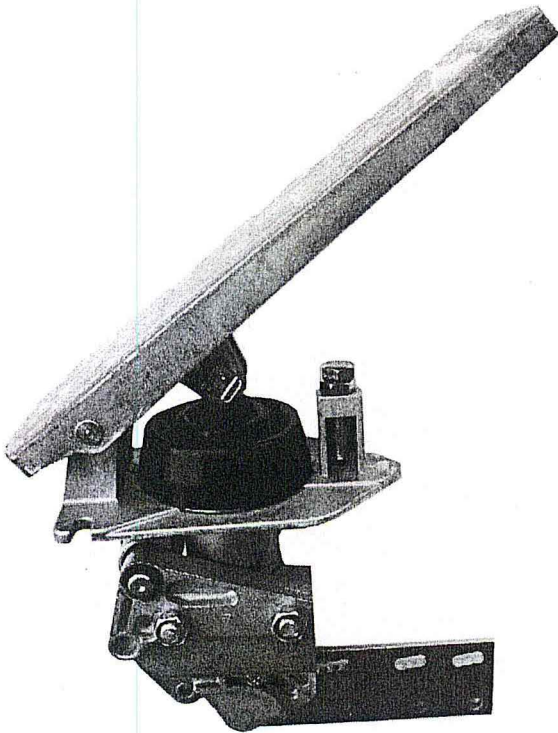


Mechanical Foot Pedals

Teleflex Morse heavy duty accelerator control systems provide the complete integrated package – from the pedal to the engine connection – and are ideal for trucks, buses, farm and construction equipment, in fact any application where a foot accelerator with no complicated linkage or difficult alignment or adjustment is required.



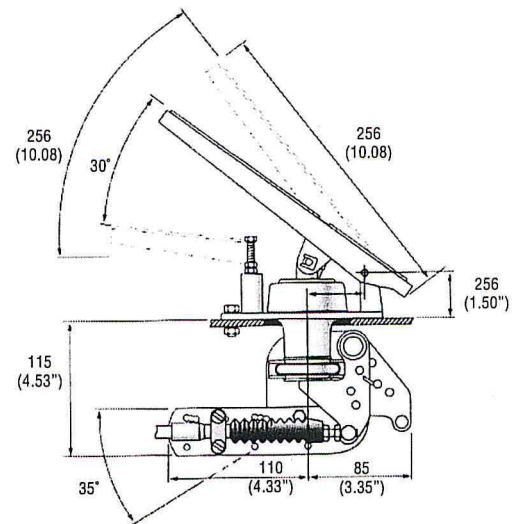
208990 Foot Pedal

Rugged Construction

The accelerator pedal is constructed of cast aluminium and plated steel components, with bearings on all moving parts for easy operation and long life. The diamond pattern tread is specially designed for better grip. All pedals are suitable for use at temperatures down to -50°C .

Performance

The Pedal hinge point is fully bushed ergonomically positioned to minimise pedal flutter induced by rough conditions, eg off highway, by placing the hinge point beneath the drivers heel contact line. The pedal includes built-in stops on the unit to prevent excess cable loads and provides 2" (50mm) cable stroke for a 30° pedal movement. It also incorporates a built-in return spring.



Key Features

- n Fast easy installation – Cable routing takes only a few moments, with the final connection to the governor being made by a clevis, balljoint or pivot, providing the simplest possible adjustment.
- n Universal cable entry – it is easy to choose a convenient path for the cable to avoid under-floor obstructions. The unique Teleflex Morse design allows cable entry from any direction 360° in a horizontal plane and up to 35° in a vertical plane.
- n Full cab sealing – when the unit is bolted in place, it completely seals the through-floor opening, reducing noise, dirt and heat problems.
- n Easy adjustment – the pedal to floor angle is adjustable to suit variable driver seating and sloping cab floors, yet still provides the correct 90° leg to pedal angle for maximum driver comfort. An adjustable stop prevents strain on cable and throttle position.

Teleflex Morse Accelerator Cables

The tension operated high efficiency cables offered for use with the Teleflex Morse Heavy Duty System are of the highest quality. Systems using these cables have proved that they require less servicing and down time than equivalent mechanical systems involving rods and linkage, and give the simplest and most reliable method of governor control.

The cables are constructed to operate freely, in severe environments, at temperatures ranging from -40°C to $+100^{\circ}\text{C}$ at loads up to 45.3kg (100lb).

They are designed to have a neutral axis, i.e. the length, and hence the operating stroke, remain constant irrespective of the number of bends or coils in the cable run. The flexible core is stainless steel with neoprene rubber boots at both ends to keep out dirt and other contaminants.

Cable Connection to Pedal and Governor

Teleflex Morse accelerator cables can be fitted with either a clevis, balljoint or pivot connection to suit the pedal being used.

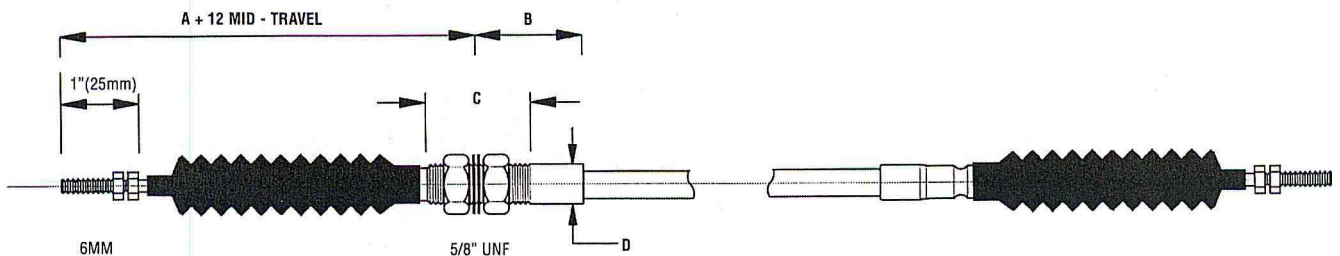
Cables require support brackets at the governor and these must be of very rigid construction to ensure a firm, positive system performance.

Bulkhead cables pass directly through the bracket and are screwed to it by the nuts and washers supplied; clamp cables require the U Bolt and clamp kit 063651 to secure the cable to the bracket, but often allow the use of a simplified bracket design. Clevises, balljoints and pivots are available for connection to the engine governor arm.

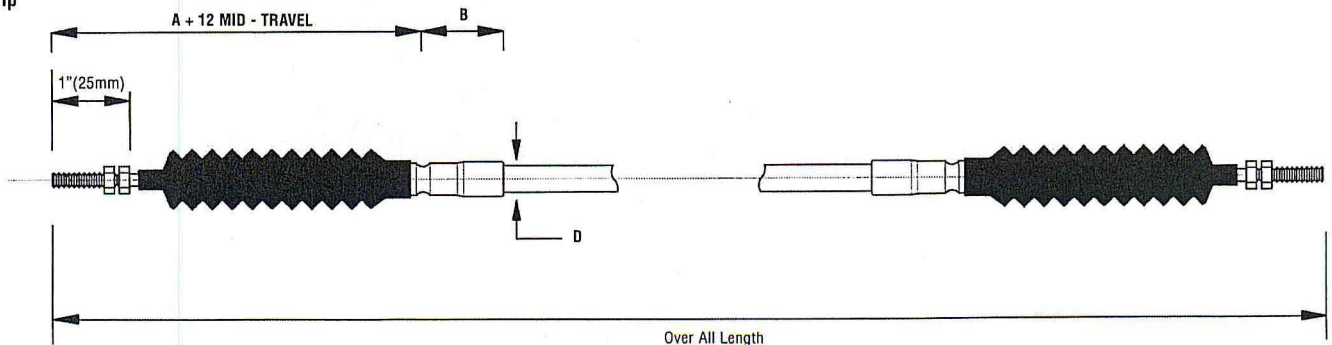
(Refer table on page 48).

PART NUMBER	END TYPE	TRAVEL	A	B	C	D	Recommended Max. Load (pull only)
205659 XXXX (Length in centimetres)	Bulkhead	2" (50.8)	6.12 (155.6)	1.63 (42)	1.5 (38)	.63 (15)	100 lbs (444N)
205657 XXXX (Length in centimetres)	Clamp		5.50 (139.7)	1.38 (32)	—	.50 (13)	

Bulkhead



Clamp

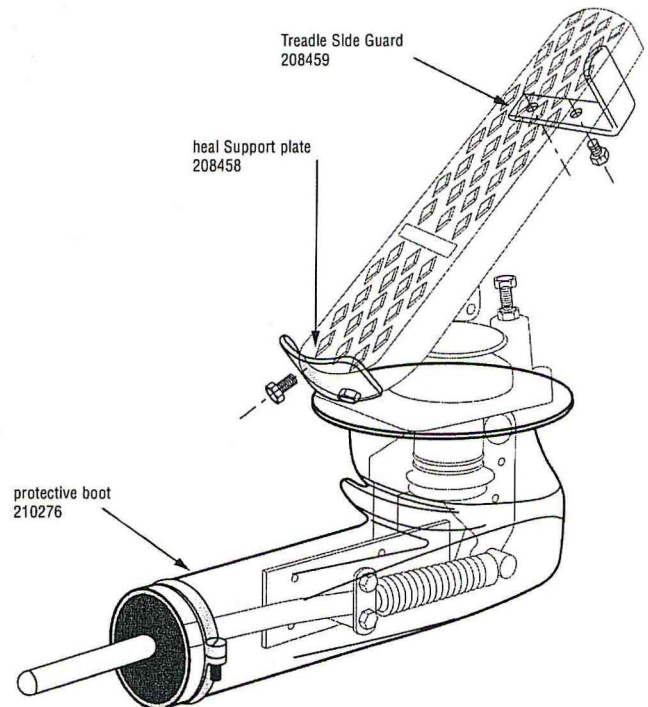


Foot Pedal

Part Number	Description
208990	Standard Foot Pedal Assembly
208991	Foot Pedal With Remote Hand Control Facility

Fittings

Part Number	Description
063561	"U" Bolt Kit
213698	Clevis long – 6mm pin dia
202782	Clevis short – 6mm pin dia
Z208366	Pivot for Foot pedal end
210276	Protective under floor boot (do not use with 208991)
203232	Balljoint
301787	Bearing Kit
Z207858	Hanger Bracket
208439	Hardware Bag (208990 pedal)
208453	Hardware Bag (208991 pedal)
Z203070	Spring Clip



Foot Pedal Cable

Part Number	Description
205657 XXXX (Length in centimetres)	Clamp type Cable with 2" Travel
205659 XXXX (Length in centimetres)	Bulkhead Type Cable with 2" Travel

Auxiliary Cable

Part Number	Description
043151-3-XXXX (Length in centimetres)	Positive Lock Cable – with no rod or sleeve
307546-3-XXXX (Length in centimetres)	Vernier Cable – with no rod or sleeve (micro adjust)