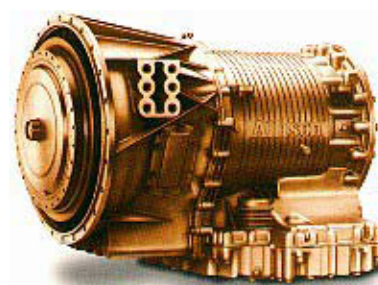
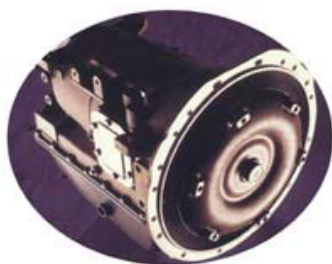


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SHIFTER CATALOGUE



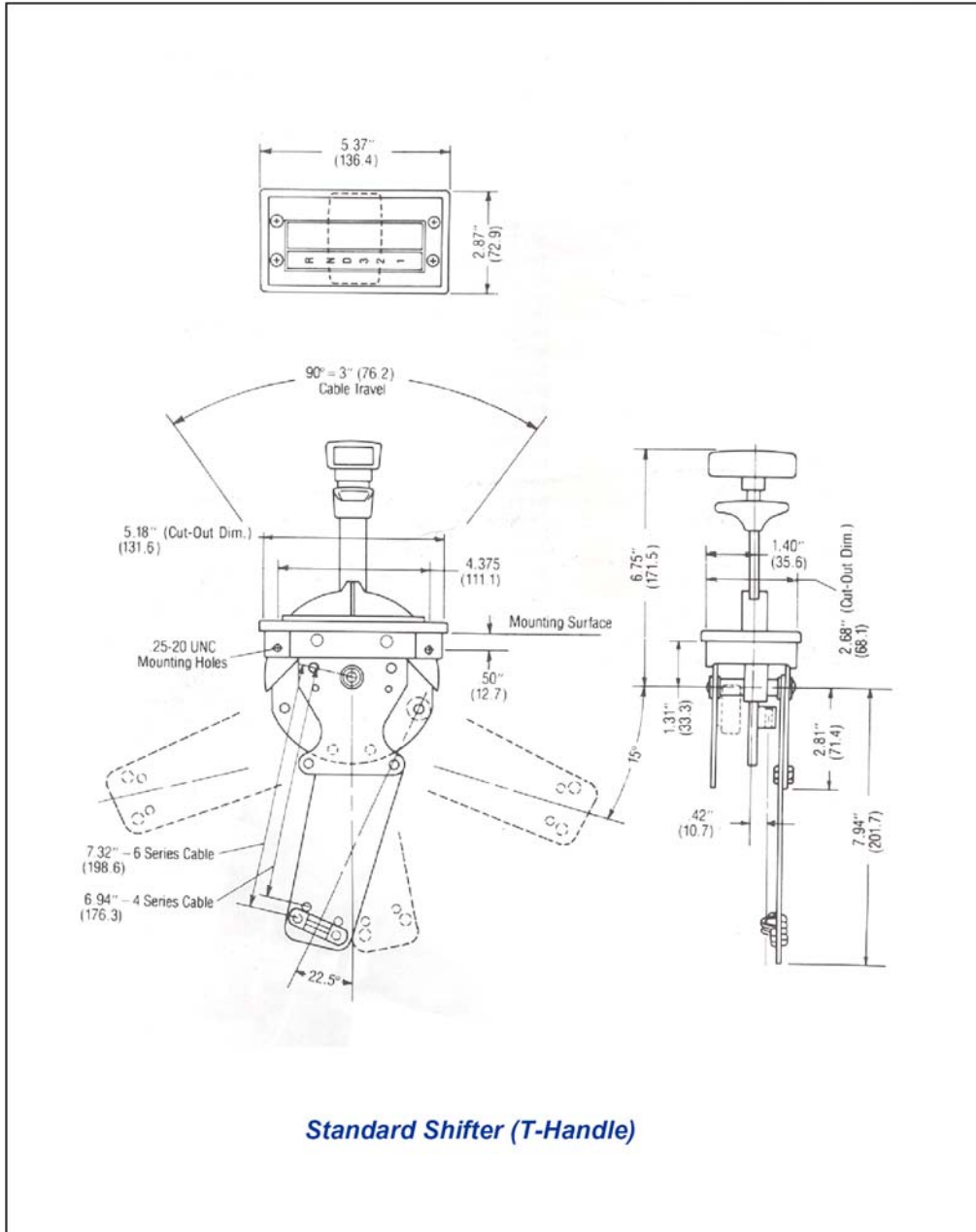
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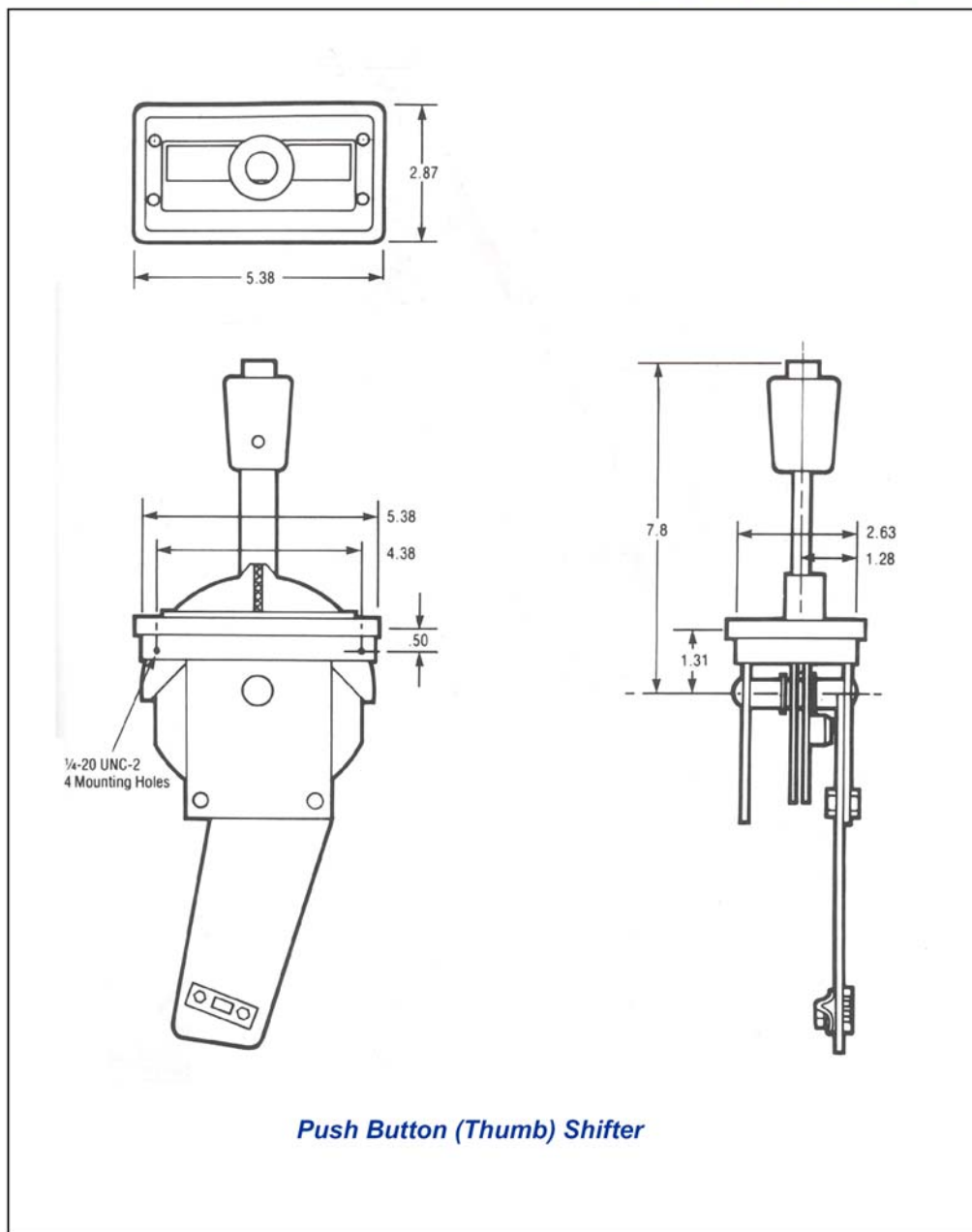


Dimensions



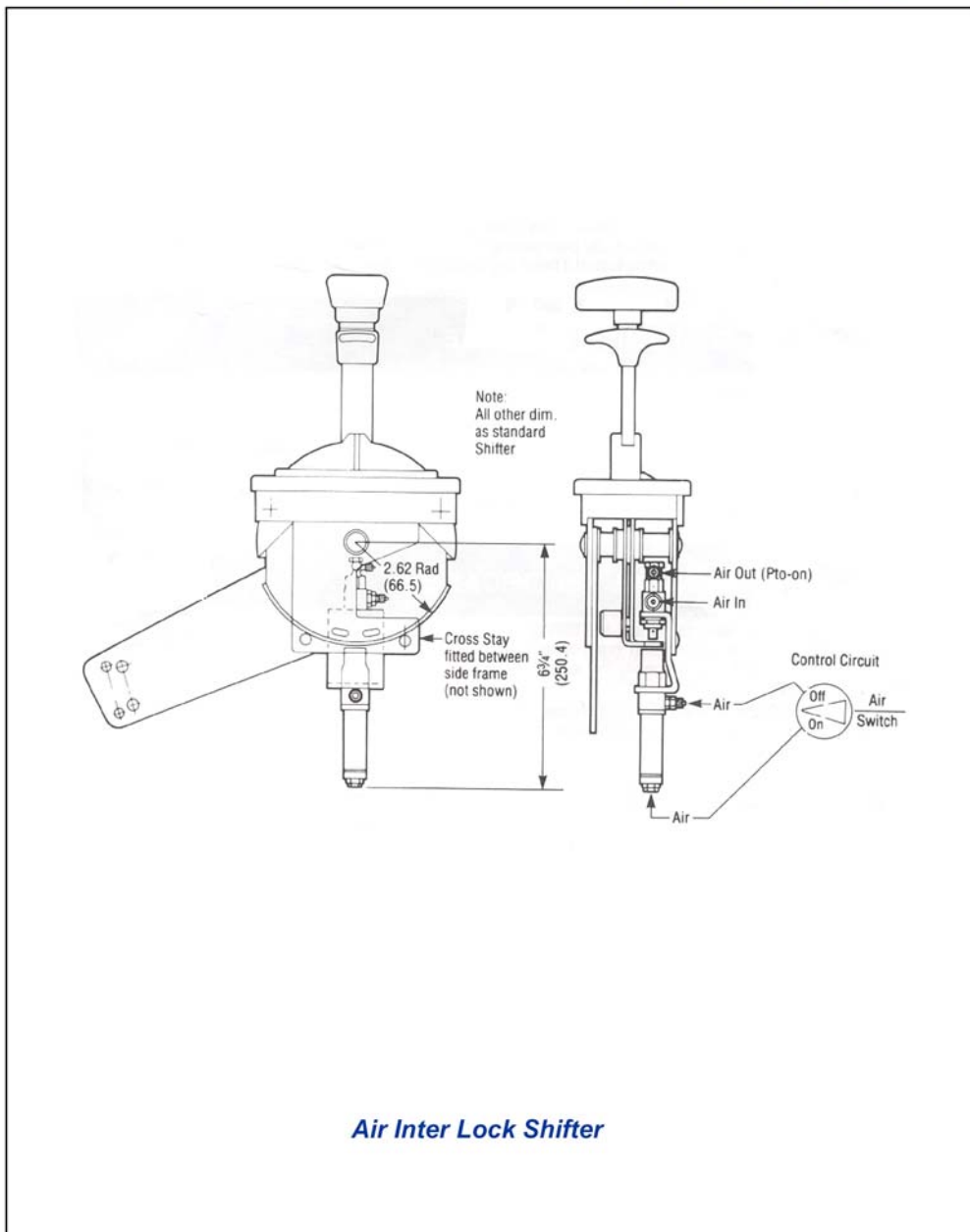


Dimensions





Dimensions





How to Order:

Ordering the exact shifter to meet your requirements couldn't be easier! Simply follow the instructions below to create your own part number.

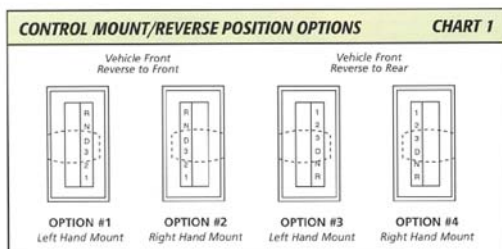
Example: You are ordering a shifter for an Allision AT540 with the following configuration:

Left Hand (for a Right Hand Drive vehicle), Reverse Forward, Push to Reverse Vertical cable mount, 4 series Cable option, Reverse Switch required, 24V illumination required.

1. Match your automatic transmission model with the Basic Numbers listed on pages 7,8,9 and 10
2. Refer to charts 1 through 4 on this page for assembly configuration in order to meet vehicle and system requirements.

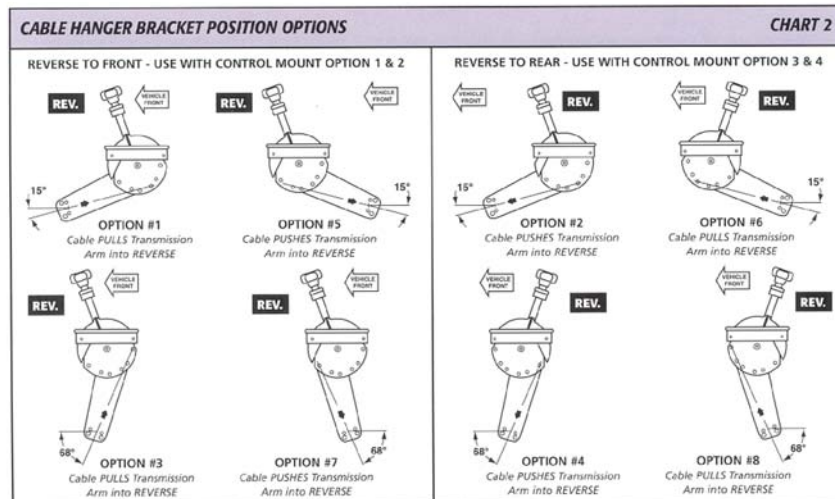
EXAMPLE

75001	1	7	4	1	24
BASIC NUMBER (Next Page).	CHART 1.	CHART 2.	CHART 3.	CHART 4.	VOLTAGE



CABLE SERIES OPTIONS CHART 3	
OPTION #4 4 Series 1/4 - 28 Thread (.25 - 28)	OPTION #6 6 Series 5/16 - 24 Thread (.31 - 24)

ELECTRIC SWITCH OPTIONS CHART 4	
OPTION #0 No Switches	OPTION #1 Reverse Switch
OPTION #2 Neutral Switch	OPTION #3 Reverse and Neutral Switch





Basic Numbers

NO.:	DESCRIPTION:
75001	ALLISON AT540-543, 545 MT643-644
75002	ALLISON MT653R, CLT650, MT650
75003	ALLISON MT654CR, HT750-CRD
75004	ALLISON V370
75005	ALLISON HT750DRD, CL(B)T750, CLT654
75006	ALLISON HT 740, HT740S, HT740D, TRT221-1, 221-3
75007	ALLISON TRT 2421-1, 2421-3, TRT4820-1, 4280-3
75008	ALLISON AT470, AT475
75009	ALLISON CRT 5633 (FNR)
75010	ALLISON CRT 5633 N-1-2-3
75011	ALLISON AT540 (RND)
75012	ALLISON MT30, MT31, MT40, MT41, HT70
75013	ALLISON AT540, AT543, MT643, MT640 (SPECIAL GATE)
75014	ALLISON AT540, AT543, MT643, MT640 (SPECIAL GATE)
75015	ALLISON 4460-N-1-6 ONLY (WINCH TRANSMISSION)
75016	ALLISON 4460 R N-1-6
75017	BORG WARNER PR1-2 SPEED .31 TRAVEL DIRECT TO VALVE (HANDLE PIVOT AT 1.125 R)
75018	ALLISON HT750 DRD CL (B) T750 CLT654 (DETENT N-D5, 2)
75019	ALLISON AT540, 543, MT643, 644 (DETENT ALL SPEEDS UP GATE FFG0
75020	ALLISON CLBT750 (DETENT R TO N)
75021	CHRYSLER 727
75022	ALLISON HT740, HT740S, HT740D RND ONLY (RND ONLY)
75023	ALLISON HT750, DRD, CLBT750 CLT654 (RATCHET GATE)
75024	FORD C3 FNR ONLY
75025	GM HYD400 (SPECIAL GATE)
75026	BORG WARNER 40, 6 POSITION (SPECIAL GATE, MC)
75027	BORG WARNER 40, 5 POSITION
75028	ZF 4HP22
75029	ZF 3HP22
75030	SPAN ENG. TRANSFER BOX 4x4 4x2 (TRIM) (DRILL HANDLE 1.25, SEE SPEC. SHEET)
75031	FNR (ELEC). (SEE SPEC. SHEET)
75032	SPEED AND BRAKES (SEE SPEC. SHEET)
75033	NEW PROCESS TRANSFER BOX 205 (1.25 HANDLE R)
75034	AT540 (DN GATE ONLY) (1.25 HANDLE R)
75035	(FNR ONLY)
75036	ALLISON HT750 CRD (SPECIAL) (SP GATE)
75037	ALLISON MT653DR, CLT650, MT650
75038	ALLISON CLUTCH CONTROL LOCK TO REAR
75039	CHRYSLER 727AUTO (SP GATE TO GS)
75040	CHRYSLER HYDROSTATIC (SPECIAL) (C/W 50040)
75041	ALLISON AT540 SPECIAL INTERLOCK CONTROL
75042	ZF 4HP 22 R.R. P= 45" FORWARD
75043	ALLISON AT540 SPECIAL GATE NARROW N-GATE 140"
75044	BORG WARNER SPECIAL CONTROL BW40-5 POS. (FLOOR MOUNT SEE SPEC.)
75045	BORG WARNER SPECIAL CONTROL BW40-5 6 POS. (FLOOR MOUNT SEE SPEC.)
75046	CLARK 18,000 TRANS. SINGLE SPOOL FNR 1, 2, 3, 1.75" LINEAR CABLE 48" MOVEMENT
75047	CLARK 18,000 TRANS. TWIN SPOOL FNR 1, 2, 3, 1.75" LINEAR CABLE 48" MOVEMENT
75048	SPECIAL FIRE SERVICE - INTERLOCK ELECT. & MANUAL CONTROL MOUNTED IN SHORT TOWER.
75049	SPECIAL DEAD MAN'S HANDLE CONTROL FITTED WITH SWITCH ON TOP KNOB OF PUSH BUTTON CONTROL. NO GATE PLATE
75050	ALLISON HT740
75051	BORG WARNER 55 6POSITION 3 SPEED
75052	VW AUTO 089 TRANSMISSION USING STANDARD LEVER ON TRANSMISSION 39MM LONG
75053	SPECIAL THROTTLE - CONTROL UNBRAKED 3 SERIES CABLE FAST - SLOW FAST TO REAR TRIM PLATE
75054	SPECIAL HYDROSTATIC CONTROL 4 SERIES CABLE, REVERSE FOWARD, REVERSE TO REAR TRIM PLATE



Basic Numbers

NO.:	DESCRIPTION:
75055	AT540 - 643
75056	MT653 RI/CLT650/MT650
75057	HT654 CR/HT750 CRD
75058	HT750 DRD/CLBT750/CLT654
75059	HT750 DRD/CLBT750/CLT654
75060	DODGE 50
75061	ZF 4HP 22 AAR4465
75062	MT653 INHIBITOR
75063	FORD A4LD
75064	VIW AG4 95
75065	ZF 4HP 22 - 70° GATE
75067	HT740
75068	C6 FORD
75070	MT653
75071	SAME AS 75003 BUT TOP MOUNT
75072	AS 75102 BUT TOP MOUNT
75073	F-N-R SWITCHED
75074	H-N-L SWITCHED
75075	AT540
75076	ALLISON 1000/2000 123DNR
75077	ALLISON 1000/2000 1245NR
75078	BORG WARNER MOD40
75079	ALLISON 1000
75080	SPECIAL AT545
75081	MT653
75082	SPECIAL AT545 NI/LOCK -- DENNIS SPECIALIST VEHICLES
75083	ALLISON 1000 123DNR
75084	ALLISON MT653 WITH TOP MOUNT CHASSIS AND BEZEL.
75085	ZF FREIGHT ROVER SPEC.
75086	ALLISON 1000 134DNR
75089	RDB
75090	VICKERS EMERGENCY
75091	ADTEC, DUAL CABLE
75092	AVIALIFT SPRING CONTROL
75097	LTI RIH + LIH
75098	LTI NEW NISSAN GEARBOX (STD STYLE)
75099	750 TRANSMISSION
75100	ALLISON AT540-643. AIR INTERLOCK CONTROL. SEE SPEC. SHEET NARROW GATE RATCHET
75101	ALLISON AT540 C/W 50040 TOP PLATE (DETENT D-N)
75102	AIR INTERLOCK (STAM/PLANT)
75103	AT540 - 644
75104	MT653 RI/CLT650/MT651
75105	HT654 CR/HT750 CRD
75106	HT750 DRD/CLBT750/CLT654
75107	HT750 DRD/CLBT750/CLT654
75108	FORD C3
75109	SPECIAL POSITION VERSION OF 75700
75110	AT540-643-SPEED SENSITIVE
75111	AS 75100 BUT TOP MOUNT CHASSIS AND TRIM
75112	AS 75100 BUT LARGER CYLINDER
75113	AIR I/LOCK CHRYSLER 727
75115	AS 75080 BUT INTERLOCK (USA TYPE) AT NEUTRAL AND TOP MOUNT
75120	CHRYSLER 727
75130	FORD A4LD (47RAD LEVER)
75132	FORD ATX (PRECISION POINT)
75140	BORG WARNER BTR ATP



Basic Numbers

NO.:	DESCRIPTION:
75150	ALLISON TALBOT DIESELS USE RANGE ROVER SIDE PLATE AT540 NO SWITCHES 12 VOLT
75151	SPECIAL MERCEDES-BENZ AUTO W4B-035
75165	CHRYSLER 727
75168	C6 FORD WITH 59 OTO HANDLE RELIANCE
75170	BETA - PROJECT
75180	AT540/543/545 MT643-644
75190	LAND ROVER ZF 4HP 22
75200	DUNCAN VEHICLES (ELECT).
75201	SPECIAL (SEE SPEC. SHEET) (NO COXCOMB) (DUAL STATION THROTTLE SPECIAL)
75202	SPECIAL (SEE SPEC. SHEET) (NO COXCOMB) (DUAL STATION THROTTLE SPECIAL)
75203	SPECIAL ELECTRIC CONTROL
75204	6 POSITION CONTROL
75205	PERMAQUIP (DEAD, M, M)
75207	BORG WARNER T72
75208	BORG WARNER T72
75209	BORG WARNER T72
75211	AS 75011 BUT TOP MOUNT
75220	RO-TER-TECH (SPECIAL)
75228	SPECIAL ZF 4P22
75229	SPECIAL AT540
75230	SPECIAL ZF HP22 ZF 4H22 R.R. SPEC. P = 45*
75231	SPECIAL MERC. 310 (LINEAR TRAVEL 2.67")
75232	SPECIAL HT740, HT740FS, T740D
75233	PUSH BUTTON (METRO, CAM)
75234	PUSH BUTTON
75235	BW55 (6 POSITION TRANS)
75236	AUSTIN HT750/CLB750/CLT654
75250	SPECIAL HYDROSTATIC BRAKE
75251	SPECIAL THROTTLE CONTROL
75252	SPECIAL THROTTLE CONTROL BRAKED
75253	SPECIAL HYDROSTATIC (PTO) 2 SWS. POSS.
75254	UNBRAKED VERSION OF 252
75260	DODGE CONTROL
75300	ALVIS SPECIAL CONTROL
75310	CHRYSLER 727 CIW 50940-1 HANDLE
75320	E94/0167/113 ITALIAN IVECO SHIFTER WITH CUT OUT 50012
75352	BORG WARNER PR9 (3)
75353	BORG WARNER PR2 (4)
75360	75100 VERSION OF 75021
75361	AS 75360 BUT NO SOLENOID
75365	CABLE TEC THROTTLE CONTROL
75366	MORRISON HYDROSTATIC
75367	MORRISON HYDRO. THROTTLE
75370	FMC HYDROSTATIC CONTROL
75380	ALLISON HT750
75400	CHRYSLER 727
75401	CHRYSLER 904
75402	BORG WARNER 65, 5 POSITION
75403	BORG WARNER 65, 6 POSITION
75404	CHRYSLER 727 D3 SPECIAL GATE
75405	BORG WARNER FRONT MOUNT
75406	BORG WARNER OLD STYLE
75407	BORG WARNER 65 SPECIAL CONTROL (DETENT) NO DETENT
75408	BORG WARNER 65 - 55
75409	AT545
75413	CHRYSLER 727
75415	HYDROSTATIC



Basic Numbers

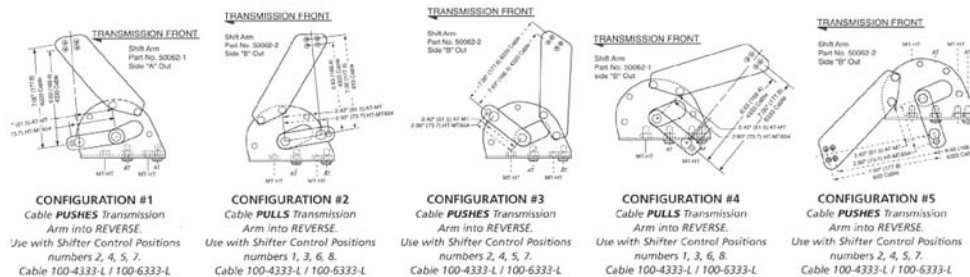
NO.:	DESCRIPTION:
75420	BORG WARNER (NO LOW)
75421	BORG WARNER (NO LOW) CIW 50297
75463	VOITH MIDIMAT T3
75503	CHRYSLER 727 (RND)
75513	THROTTLE CONTROL (AS 370 BUT)
75514	THROTTLE CONTROL (FRICTION BRAKE)
75515	HYDROSTATIC CONTROL FNR CENTRE DETENT
75516	THROTTLE CONTROL NO BRAKE
75517	4 x 4, 4 x 2 TRANSFER BOX TRIM (DRILL HANDLE 1.25, SEE SPEC. SHEET)
75518	HYDROSTATIC CONTROL FNR CONTROL DETENT (BRAKE) (FNR)
75519	THROTTLE CONTROL WITH FRICTION BRAKE UK TYPE
75520	BORG WARNER SPECIAL
75522	HYDROSTAT. (SPEC. N GATE)
75523	THROTTLE CONTROL CIW TRIM PLATE (STOP/SLOW/FAST/REAR)
75524	THROTTLE CONTROL - US TYPE TRIM PLATE (SLOW/FAST/REAR)
75531	ZF4HP14 TRANSMISSION. USING 90mm LEVER RAD
75890	CHRYSLER 727 (RND)
75900	THROTTLE CONTROL (AS 370 BUT)
75901	THROTTLE CONTROL (FRICTION BRAKE)
75902	HYDROSTATIC CONTROL FNR CENTRE DETENT
75903	THROTTLE CONTROL NO BRAKE
75904	4 x 4, 4 x 2 TRANSFER BOX TRIM (DRILL HANDLE 1.25, SEE SPEC. SHEET)
75905	HYDROSTATIC CONTROL FNR CONTROL DETENT (BRAKE) (FNR)
75906	THROTTLE CONTROL WITH FRICTION BRAKE UK TYPE
75907	BORG WARNER SPECIAL
75909	HYDROSTAT. (SPEC. N GATE)
75910	THROTTLE CONTROL CIW TRIM PLATE (STOP/SLOW/FAST/REAR)
75911	THROTTLE CONTROL - US TYPE TRIM PLATE (SLOW/FAST/REAR)
75918	ZF4HP14 TRANSMISSION. USING 90mm LEVER RAD

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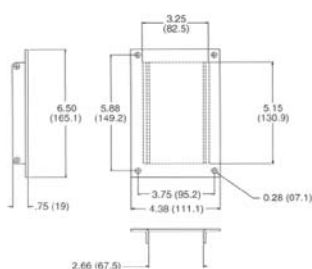


Transmission Connection Kits

Transmission kits come complete with shift arm, transmission mounting bracket, cable hanger and required hardware. Connection kits designed to fit any of the five most popular entry positions to the transmission shift arm. Refer to the following drawings to find the cable entry that best fits your vehicle requirements and shifter control positions (push to reverse, pull to reverse), then assemble the kit to match the installation required. Shown below are configurations that can be made from the Universal Kit. (Universal Kit 59005 includes all parts to assemble any 59004 and 59006 kit configurations).



Accessories



MOUNTING FLANGE

59002

Made of prefabricated steel with a matte black epoxy finish. Simplifies a top mount installation and is perfect for vehicle conversions. Kit is complete with control mounting hardware. Use with cable hanger bracket in any position.

SWITCH AND PIN SET KIT

50036-1

SWITCH SET

50036-2

PIN SET

50036-3

FINGER RELEASE KIT

59193-1

T-HANDLE KIT

59228

TRANSMISSION CONNECTION KITS

UNASSEMBLED UNIVERSAL KIT OIL PAN MOUNT

59004 4 Series
59006 6 Series
59005 4 and 6 Series Hardware

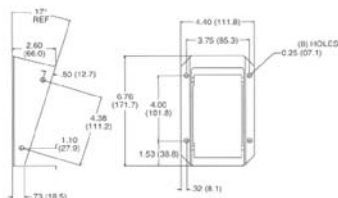
Kits to be assembled in field to fit installation required.

MACHINE PAD MOUNT

59369-1 4 Series
59369-2 6 Series

Mount to machine pad above the transmission shift arm. They do not mount to oil pan bolts as shown in diagrams above.

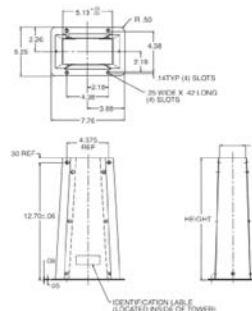
* HT Series, MT 654 with 4.5" oil pan. For refuse and HD applications.



MOUNTING WEDGE

59009

A cast aluminum wedge with a matte black epoxy finish. Raises the shifter to a 17° angle from desired mounting surface. Kit is complete with control mounting hardware. Use with cable hanger bracket in any position except #1 or #2.



MOUNTING TOWER

59000 (13")

59035 (9")

A prefabricated tower with a matte black epoxy finish. Features access panels on both sides for easy installation and adjustment. A rubber floor gasket is included with tower. Kit is complete with control mounting hardware. For use with cable hanger positions #3, 4, 7, and 8 ONLY!

PUSH-PULL SHIFT CABLES

(Used with Controls and Kits)

4 Series: 1/4 - 28 thread, base part number: 100-4333 length (recommended)

6 Series: 5/16 - 24 thread, base part number: 100-6333 length

Cable-Tec Manufacturers Of High Performance Control Cables

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E-mail: sales@cable-tec.co.uk



NG Shifter

NG Shifter

This product combines the strength and reliability of the T-Handle Shifter with the latest in manufacturing technologies to produce a high value control system for our customers.

As an added feature, we have incorporated a quick-connect cable mounting system into this control. Utilizing a clamp built into the cable mounting bracket, the assembler needs only a standard 1/4 x 1" bolt and locknut to attach the cable to the control. This allows faster assembly of the cable, while using common mounting hardware available anywhere.

STANDARD FEATURES:

- Steel chassis and handle assembly
- Black E-coat finish on handle and zinc plating on other metal parts for corrosion protection
- Black textured polymer knob and trim covers
- Four 1/4-20 threaded mounting holes
- All detents are positive locking (no ramping between detents)
- Requires 4 series, 3" travel cable with clamp type hub and 1/4-28 rod threads
- Maximum 2 1/2" of actual cable travel produced
- Built-in cable clamp requires a 1/4 x 1" bolt w/locknuts: Felsted Kit #NG0016-1
- Unthreaded pivot for easy cable hook-up

AVAILABLE CONFIGURATIONS:

- Right or left hand mounting
- Push or pull to reverse
- Top mounting plate available
- 14 or 28 VDC illumination, single or dual (ground included) wire leads
- Electrical Switches - contact factory
- Side push button factory preset at 0 or 45 degrees
- Cable bracket angle factory preset at 0, 30, 60, or 90 degrees.
- Currently available for Allison AT545, MT643, MT653DR, MT654CR, HT740, HT750CR, HT750DR, HT754CR
- There are no charts to build a part number with this style control. Consult factory with specifications to receive recommendation and part number.

