

Schaffer Shifter Packages

Decription	Part Number
Basic Schaffer Kit Includes: Schaffer shifter manual, w/ probes for Asian imports and signal monitoring, operating manual, 8' main extension harness, 8' cigar lighter power cord w/ battery adapter (less any specific adapters)	SS-K
The Schaffer Shifter (Includes just the shifter)	SS-SS
Basic Schaffer Shifter Heavy Duty Package w/ cooling fan (without detents in PSI control) Includes: Schaffer Shifter manual, w/ probes for Asian imports and signal monitoring, Operating manual, 8 foot main extension cord, 8 foot cigar lighter power cord, power cord battery adapter. For heavy Dyno usage.	SS-HD-K
Basic Schaffer Shifter Heavy Duty Package NO cooling fan (without detents in PSI control) Includes: Schaffer Shifter manual, w/ probes for Asian imports and signal monitoring, Operating manual, 8 foot main extension cord, 8 foot cigar lighter power cord, power cord battery adapter. For normal Dyno usage.	SS-HD-KS
Heavy Duty Shifter w/out Detents in PSI control, w/cooling fan (includes just the shifter)	SS-HD
Heavy Duty Shifter w/out cooling fan (includes just the shifter)	SS-HDS

Allison Controller

Decription	Part Number
Allison Schaffer Shifter Package. Package includes: Allison WTEC II & III controller, laminated instruction sheet, 6ft long 31 Pin connector harness, the Allison main extension harness, and a 6ft power cord. 10amp POWER SUPPLY RECOMMENDED.	SSAK

WTEC Allison Accessories

Decription	Part Number
4 Foot Allison Harness Extension	SMEH-A
48" Optional Power Cord Extension	B48BR
6 Foot Allison Power Cord (included with the Shifter)	PC-6
6 Foot long 24 Pin Connector Harness	ALL-E
6 Foot long 31 Pin Connector Harness	ALL-L
92-On 6 Foot long Retarder Connector Harness 92 connectors)	ARC-SS
8' Allison Main Extension Harness	AMEH
Heavy Duty 8 Foot Main Extension Harness w/Strain Relief	AMEH-HD
Allison Shifter Enclosure Case (Phenolic Plastic)	ASC
Shifter Storage Case	SC-SS
Calibrated 10amp Power Supply -recommended for Dyno operation	PS104
Laminated instruction sheet	ALI-SS
* Power Supply (PS104-CAL) is Recommended for Allison Controllers	

Shifter Accessories

Description	Part Number
8 Foot Cigar Lighter Power Cord	PC-SS
Power Cord Battery Adapter	PCA
Asian Pressure Control Module w/Blue Clip for F Harness pressure control.	APC-SS
Audio Tachometer-Diagnostic Aid to "Hear" RPM changes	AT-00
Cord Switch- N/O remote switch w/9ft cord- used to convert 4R44E to 5R55E	CS-SS
F Harness with probes for Asian Imports w/external leads - also used for signal monitoring. Included in Shifter packages.	F-SS
8 Foot Main Extension Harness	MEH-0
Heavy Duty 4ft Main Extension Harness w/Strain Relief's	SMEH
Heavy Duty 8ft Main Extension Harness with Strain Relief's	MEH-HD
Heavy Duty Padded Storage Case for shifters	SC-SS
Kit to update 4L60E adapters to 95-ON w/PWM (for early adapters w/ only one tan wire.)	4L60EU
Matching Adapter Storage Case	AC-SS
Module to switch PSI Control Circuit to negative polarity	NPM-SS
Pulse Generator Leads for Solenoid Duty Cycle Control (Individual Control)	P-SS
Repair Dropping resistor for AXODE/AX4N Shifter Harness	1.75R
Repair Dropping Resistor for 4R44/55E Shifter Harness	2.2R
Upgrade for Shifter to control Chrysler A604 Solenoid Pack # 5015646AB	PWR-SS
Same as #PWR except for Shifters w/cooling fan	PWR-HD
Schafter Shifter Instructional Video (45 min.)	SSV-SS
Shifter Information and Operating Manual (Updated with each reprint)	MANUAL-SS
Spanish Translated Information & Operating Manual for Shifter	S-MANUAL

Shifter Service Products and Parts

Description	Part Number
2-way Connector Strain Relief (Power Cord)	SR-2
2-way Power Cord Connector Replacement	3022-SS
12-way Strain Relief (Extension and Adapter)	SR-12
Connector for Adapter end of Extension Harness (Uses #40 terminals)	3123-SS
Crimping Tool for #38 and #40 Terminals (Production Single Crimp)	CT-SS
Female Crimp Terminal- Used on all adapters	38-SS
Box of 5 fuses for the Shifter	FUSES-SS
Fuse Holder- Complete (For Shifter)	FH-SS
Replacement Std. Shifter Enclosure (Machined Phenolic Plastic)	CASESS
Heavy Duty replacement shifter enclosure for units with fan	CASE-HD-SS
Male Terminal (Only used on Transmission end of Extension Harness)	40-SS
Multi Purpose Crimping Tool - Economical Model	CTU-SS
Power Cord Repair Kit (Shifter end of cord)	RC-SS
Replacement 12-way Adapter Connector - Uses #38 terminals.	2120-SS
Replacement Faceplate (For Shifter) (Labeling is embedded into aluminum)	Faceplate-SS
Replacement Knob- (For Shifter) 3/4" round	Knob-SS
Replacement LED Covers- (For Shifter) faceplate (specify red or green)	LENS-R-SS
Replacement Push Button (For Shifter) Black	Push Button
Terminal Removal Tool for Shifter connector pins	44-SS

Shifter Adapters	
Description	Part Number
CHRYSLER	
42LE Large molded 8-way connector with female terminals. Plugs into transaxle. This may take an hour to test. (For In-Vehicle, see 42LE-V)	S-42LE
42LE 91-98 Same as 42LE, however- easier installation as this adaptor works into the vehicle's wiring harness. Note that this connector changes in 1999.	S-42LE-V
Chrysler 42RE, 44RE, 46RE and 47RE Adapter w/ #NPM-Negative Polarity Module- (8-pin Connector) cannot function without NPM.	S-42RE
8-pin adapter w/out Module.	S-42RE-A
A500/518/618 Connectors on a single Adapter (3-way & 2-way) Tests 4th gear on units, and the converter clutch on the 500.	A500/A518
A604- Shifter mfg. Before Aug. '00 need #PWR upgrade for the latest Solenoid Packs.	S-A604
AW4 Adapter	S-JeepAW4
FORD	
4F20E (RE4F04A/V) Villager and Mazda, also fits many other Nissan units RE4F03A and Stanza F02A. (8-terminal rectangular connector.)	S-4F20E
4R44/55E ('94-On) Adapter (Also fits 5R55E with #CS addition)	S-4R44E
4R70W '97-ON 7-wire Conn. (requires #NPM for EPC Control) NPM included with 42RE	S-4R70W
A4LD (3-wire) adapter with 2 leads for 2-way hook-up.	S-A4LD
AODE '92-'96 Some '97 & '98 & 4R70W w/ 9 pins in case connector.	S-AODE
AXOD Lockup only 6-way round connector. For TCC control of non-computer shifted units.	S-AXOD
AXODE '91 -'92 Part of C Harness	S-AXODE
AX4N D-shaped 9-way connector. Included in the 97U adapter package. Other adapters use this same connector, but each is wired differently, and is NOT interchangeable.	S-AX4N
Ford and Mazda CD4E Adapter '94-ON.	S-CD4E
E4OD '89 - '94	S-E4OD
97-ON Single Pan w/ EPC 8-way connector.	S-F4E-III
1991-1996 Black 6-way Connector Single Pan Unit Under 2.0L	S-F4EAT
Later 4EAT Black 10-way connector w/EPC, '93-ON 2.0L & 2.5L	S-G4EAT
93-ON AXODE and AX4S (single) Adapter.	S-LAXODE
Late Ford E4OD & 4R100 Adapter '95 – 2002:	S-LE4OD
4EAT (89-92, two-pan units) Rectangular 6-way connector,	S-4EAT
GENERAL MOTORS	
GM ECM controlled L/U Adapter w/ 3 connectors. Check converter clutch operation only on 1981 and later transmissions that only used the vehicle's computer to control the TCC.	L Adapter
97-ON Cadillac Catera 4L30E (2 connectors, a 4-way, a 7-way.)	S-4L30E-C
Conversion for Shifter Adapters to allow connection of the Internal Trans Neutral Safety for starting vehicles while the Shifter Adapter is connected. Also has a Breakout Box Connection for testing the switches.	S-GM-N/S-C
94-ON 4T40E & 4T65E Adapter.	S-4T40E
4L60E 20 way round connector. Included in SESS. Adaptors purchased before 1996 didn't include a PWM solenoid terminal and can be updated with part number 4L60EU***	S-4L60E
94 - '99 4T60E Adapter (same connector but wiring changed)	S-L4T60E
4T60E '91 - '93	S-4T60E
Use 4T40E Adapter w/instructions for 4L60E - explained in the newest manuals.	4T65E
4T80E Early 2-Connector Adapter '93 only.	S-4T80E
Late 4T80E Adapter '94-ON:	S-L4T80E
4L80E '91 and '92 except updated case connectors.	S-4L80E
Late 4L80E Adapter '93-ON and updated earlier Case Connectors.	S-L4L80E
5L40E Cadillac and BMW Adapter	S-5L40E
Cadillac F-7 Adapter (Allante only)	S-F-7
Saturn Adapter w/required module	S-SATURN

EUROPEAN	
Renault 3-speed Adapter	S-R
BMW-R1 (4L30E) Adapter with the factory connector	S-4L30E-BMW
BMW-R1 (4L30E) Insulated and color coded leads for hook-up	S-R1
Audi/Passat 096, 097 color-coded Hook-up with module and 01M 2nd Edition	S-VW
ZF4HP22EH 8-pin & 24EH 7-pin units (Color coded terminal hook-up)	S-ZF
HONDA	
96-00 Civic (except GX/HX), 00-01 Integra, 97-01 CRV, 96-97 Del Sol Adapter	S-HONDA-1
91-95 Legend, 96-04 RL, 96-98 TL 3.2L Adapter	S-HONDA-2
92-94 Vigor, 96-98 TL 2.5L Adapter	S-HONDA-3
1995 Accord V6	S-HONDA-4
90-97 Accord, 92-95 Civic, 95-97 Odyssey, 92-96 Prelude, 94-99 Integra Adapter	S-HONDA-E
HYUNDAI	
KM-175 (Round) Adapter up to KM125-3	S-KM
KM-175-5 & Later (Square) Adapter (F4A2, F4A3, W4A3)	S-KML
A4AF3 & A4BF2 Adapter	S-A4AF3
ISUZU	
4L30E Isuzu Two connectors: One 4-way and one 5-way.	S-4L30E
2000+ Isuzu and Honda Passport 4L30E	S-4L30E-C
8-way for JR403E and JF403E	S-JR403E
GM & Isuzu NPR Vans with Aisin Seiki 450-43LE	S-AS450
KIA	
SEPHIA & SPECTRA Black 9way Connector	S-F4EAT-KIA
MAZDA	
G4A-EL (89-92, two-pan units) Rectangular 6-way connector.	S-4EAT
FB4A-EL 8-way, Use F4E-III w/ APC.	S-F4E-III
F4A-EL 1991-1996 Black 6-way Connector Single Pan Unit Under 2.0L	S-F4EAT
G4A-FEL (Black 10-way) with EPC '93-ON 2.0 & 2.5L.	S-G4EAT
RE4R01A Mazda 929, RX7 (8-cavity Connector w/male pins)	S-RE4R01AM
MINI	
KM-175 (Round) Adapter up to KM125-3	S-KM
KM-175-5 & Later (Square) Adapter (F4A2, F4A3, W4A3)	S-KML
AS 450-43LE 99-ON Mitsubishi NPR trucks	S-AS450M
NISSAN	
Both N4AEL on a single Adapter.	S-N4AEL/LN4AEL
RE4F02A Adapter '89 - '94 Maxima	S-RE4F02A
Use 4F20E Adapter	RE4F03A
Use 4F20E Adapter	RE4F04A
2000+ Stanza, 2000+ Sentra 2.0L, 2001+ Quest, 1999+ Maxima, 2002+ Altima (except 3.0L) and others with RE4F03/04B, Black 8-way conn	S-RE4F04B
RE4R01A MPV & 300ZX W/O Turbo (6-cavity connector w/male pins)	S-RE4R01A
Most Nissan rear wheel drive and Pathfinder (8-cavity Connector w/male pins)	S-RE4R03A
SUBARU	
12-way Subaru Adapter	S-Subaru-12
16-way Subaru Adapter before 1999	S-Subaru-16
20-way Subaru Adapter 1999+	S-Subaru-20
TOYOTA	
Toyota A140E & Early A540E 6-cavity Adapter with Spades for RWD	S-A140E
3-way, single row Toyota Adapter	S-A241E
3-way connector. Toyota Truck and cars with 3 staggered pins.	S-A340E
Lexus A340E w/Gray 8-way connector, SC300/400 w/2JZ-GE Engine	S-A340EL
A341E Toyota Supra Gray 8-way connector.	S-A341E
A340F & A343F Landcruiser and SUV's, Sequoia, LX4700, Tundra 8-way connector.	S-A343F
Toyota Truck A340H (A440E) with Gray 6-way connector.	S-A340H
A540H 4x4 1996-2000 RAV4 4wd, 6-way Gray Connector	S-A540H
Later Toyota Front Drive w/Case mounted 6-cavity Connector Also Lexus A340E	S-A541E
U241E Toyota Transaxle Adapter 10-way, 03-04 Matrix, 00-01 Echo, Celica Type 1	S-U241E