MOTORVAC

TRANSTECH IV+

Transmission Service System

Part No. 500-1125B

USER MANUAL

CE ISO 9001 CERTIFIED

1324 Blundell Rd. Mississauga ON | Tel. 905.615.8620 | Fax. 905.615.9745 | www.motorvac.com

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Introduction

Congratulations on your selection of the TRANSTECH IV+ Transmission Service System.
By choosing this product, you are acquiring the most technologically advanced method available for automatic transmission service and fluid exchange.

The TRANSTECH IV+ System is a self-contained system designed to connect to any automatic transmission through cooling system lines or vehicle dipstick tube. Once the unit is connected, it can be used to drain the fluid from the vehicle's transmission for filter replacement and/or to completely exchange the transmission fluid with new fluid, without removing the vehicle's transmission fluid pan.

Please study this Operators Manual to become thoroughly familiar with the TRANSTECH IV+ Transmission Service System.

Thank you for choosing MotorVac.

Sincerely,

The MotorVac Team.

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Table of Contents

	Page
System Features and Functions	1
Control Panel Features and Functions	2
Getting to Know the TransTech IV+	3
Front Features	3
Right View	3
Left View	3
Safety Information and Precautions	4-5
Auto Prime Procedure	6
First Time Operation	6
Transmission Service Procedure	7-11
Inline Exchange	7-9
Dipstick Exchange	10-11
Changing Fluid Types	12
Maintenance	13
Maintenance Procedures	13
Cleaning the Unit's Filter Screen	13
Troubleshooting and Additional Help	14
Error Alerts	15
System Accessories	16-18
Parts and Ordering Information	19

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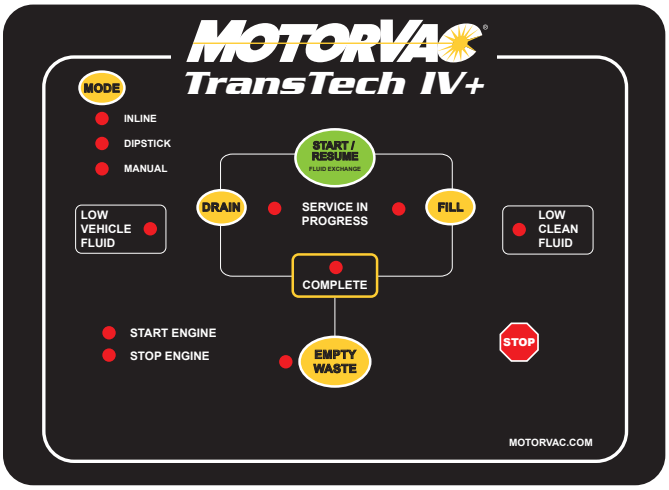
System Features and Functions

The front of the TRANSTECH IV+ cabinet contains the control panel, the fluid fill neck for adding new transmission fluid, and the fluid level windows.



Front View - Control Panel Features and Functions

MODE Button - Toggles from Inline to **Dipstick** and enters manual mode for both functions

INLINE LED - Unit set to Inline exchange when LED is on
(see below, Fig. 1)

DIPSTICK LED - Unit set to **Dipstick** exchange when LED is on
(see below, Fig. 2)

MANUAL LED – Indicates Manual Mode for either **Inline** or **Dipstick** Modes
(see below, Fig. 3 & Fig. 4)

Fig. 1

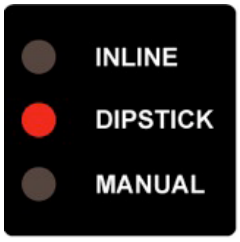


Fig. 2

Fig. 3

Fig. 4

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Control Panel Features and Functions

	START/RESUME Button - Begins & Resumes service
	DRAIN Button - Drains fluid from vehicle's transmission. **FILL Button** – Adds fluid to the transmission.
	LOW VEHICLE FLUID LED - Illuminates when fluid in the vehicle in service is low or empty.
	COMPLETE LED - Illuminates when service is complete.
	START ENGINE LED – The LED illuminates when the vehicle's engine is running in inline mode. The Start Engine LED flashes when the vehicle's engine needs to be started.
	STOP ENGINE LED – LED illuminates when the vehicle's engine is OFF in inline mode. The Stop Engine LED flashes when the vehicle's engine needs to be stopped.
	LOW CLEAN FLUID LED – Illuminates when clean fluid in the unit's clean tank is low or empty.
	STOP BUTTON – Pauses service and stops alarms. Hold for 5 seconds to reset unit.
	EMPTY WASTE BUTTON - Empties fluid from unit's waste tank.
	MODE BUTTON – Toggles between four different modes (Inline/Dipstick etc)

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Getting to Know the TransTech IV+

Front Features

Control Panel – All electronic operational functions are initiated at this location. See Control panel features section.

Filler Port & Cap – New ATF is poured into unit before service.

Pressure Gauge – Indicates fluid flow through the unit when in Inline mode.

Right Side Features

Dipstick Adapter – Manifold that is permanently attached to DIPSTICK RETURN hose. The manifold allows the CLEAN FLUID hose to be attached to it as well as connecting them to a common dipstick wand for the drain and fill process

Dipstick Hanger – Allows the DIPSTICK RETURN hose and adapter to be stored safely.

Clean Fluid Hose – Clean ATF is introduced to the vehicle through this hose. For inline mode connect hose to vehicle, the direction is not important. Dipstick mode.

Dipstick Return Hose – Draws dirty ATF from the vehicles in Dipstick Mode.

Left Side Features

Inline Return Hose - Connect to vehicle for inline services. Direction is not important for inline service

Waste Disposal Hose - Is inserted into the shop's fluid recycling container or into a suitable container for proper disposal of used transmission fluid.

Disposal Hose Ball Valve - Open manually before **EMPTY WASTE** button is pushed.

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Safety Information and Precautions

DANGER:

1. Vehicle exhaust gases contain carbon monoxide, which is a colorless and odorless lethal gas.
2. Only run engines in well-ventilated areas and avoid breathing exhaust gases.
3. Extended breathing of exhaust gases will cause serious injury or death.

WARNING:

1. Exhaust gases, moving parts and hot surfaces are present during and after the engine is running.
2. Read and understand the operator's manual before using the TRANSTECH IV+ service system.
3. When using petroleum products always refer to the MSDS sheets and manufacturer's instructions for the proper procedure to handle emergency medical treatment, cleanup, handling, and storage requirements.
4. Improper use of the TRANSTECH IV+ Transmission Service System or exposure to exhaust gases can cause injury.
5. Spilled transmission fluid on an engine can ignite.
6. Avoid exposure to flames, sparks, hot engine parts and other ignition sources.
7. Always keep a fully charged fire extinguisher nearby. The extinguisher should have a class B rating and be suitable for gasoline, chemical, and electrical fires.
8. Cleanup any oil spills immediately.
9. Dispose of contaminated cleanup material according to governing environmental laws.
10. Never look directly into the air induction plenum or carburetor throat when the engine is operating.
11. Always verify hose connections to the transmission's oil cooler lines before starting the vehicle's engine.
12. Explosion or flame or exposure to flammable liquid and vapors can cause injury.
13. Flammable liquid (transmission fluid) can splash out of reservoir when filling or when unit is being moved.
14. Always keep Reservoir Cap secure except when filling reservoir.
15. Explosion or flame can cause injury.
16. Transmission cooling systems may maintain residual pressure in connection lines to and from transmission and cooler radiator even after the engine has been turned off.
17. Wear safety goggles.
18. Wear chemical resistant gloves when connecting or disconnecting fitting and adapters.
19. Chemicals can cause harmful byproducts - do not add any chemicals to TRANSTECH IV+ reservoir tank.
20. Use only approved automatic transmission fluid.
21. Do not swallow or ingest any chemicals.
22. Use with adequate ventilation. Avoid breathing vapors.
23. Do not store chemicals in or on the machine (other than automatic transmission fluid).
24. Improper use of transmission fluid can cause injury.
25. Over exposure can have harmful effects on eyes, skin, respiratory system and possible unconsciousness and asphyxiation.
26. Improperly blocked vehicles can move.
27. Set the parking brake and chock the wheels.
28. Moving vehicles can cause injury.

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Moving engine parts:

1. The engine cooling fan will cycle on and off depending on the coolant temperature and could operate without the engine running.
2. Wear safety goggles.
3. Always keep objects, clothing, and hands away from the cooling fans and engine parts.
4. Moving engine parts can cause injury.
5. Hot surfaces are present during and after running the engine.
6. Do not contact hot surfaces such as, manifolds, pipes, mufflers, catalytic converters, or radiators and hoses.

Hot surfaces can cause injury:

1. Catalytic converters become extremely hot.
2. Do not park a converter-equipped vehicle over dry grass, leaves, paper, or any other flammable material.
3. Do not touch a catalytic converter until the engine has been off for at least 45 minutes.
4. Catalytic converters can cause burns.
5. Cracked fan blade can become airborne.
6. Examine fan blades for cracks. If found, do not service the vehicle.
7. Flying objects can cause injury.
8. Batteries produce explosive gases and can explode, resulting in injury.
9. Wear safety goggles when working on or near batteries.
10. Use in a well-ventilated area.
11. Keep sparks and flames away from the battery and never lay tools, equipment, or other conductive objects on the battery.
12. When is connecting to the battery, make sure the unit's power switch is off. Connect the positive lead of the unit to the positive lead battery first; connect the negative lead of the unit to a solid ground point as far from the battery as possible.
13. Keep battery acid away from skin or eyes. In case of eye contact, flush with clean water for 15 minutes and get medical attention.

IMPORTANT

Do not perform the transmission service if the vehicle's engine oil or coolant level is low. If necessary, add motor oil and/or coolant.

Do not perform service if new transmission fluid is *below 50 degrees* Fahrenheit.

WARNING

Flammable Liquid can squirt out of pressurized lines when connecting or disconnecting.
Verify that engine and machine are both off before connecting or disconnecting cooler lines or adapters.
Wear safety goggles.
Wear chemical resistant gloves when connecting or disconnecting fittings and adapters.
Wrap a shop towel around pressure fittings and adapters when disconnecting.
Avoid exposure to flames, sparks, hot engine parts, and other ignition sources.
Explosion or flame or exposure to flammable liquid and vapors can cause injury.

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TransTech IV+ Auto-Prime Procedure

(For first time set-up only)

Set-Up Instructions:

1. Check the output/return hoses, battery connections, and all external components for damage.

2. Fill the **CLEAN FLUID** tank with approximately 6 quarts (5.7 liters) of new ATF.

3. Connect two compatible adapters to each other, secure tightly. Attach the **CLEAN FLUID & INLINE RETURN** hoses together using the connected adapters

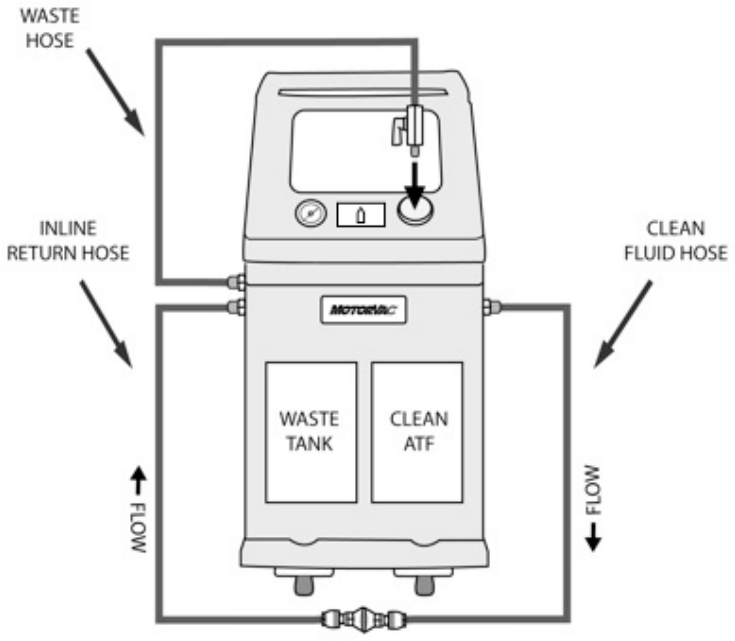
4. Place the waste hose into the clean tank fill neck with the ball valve open.

5. Attach the units' red (+) battery clip to vehicle's positive battery terminal; connect the black (-) battery clip to a solid ground point as far from the battery as possible.

6. Check to ensure the unit is in Inline mode (Inline LED is on). Press and hold the START button for 5 seconds until the unit sounds the alarm. The FILL and DRAIN LEDs will flash. Press and hold the START button again for 5 seconds until the unit sounds the alarm. The DRAIN, FILL and COMPLETE LEDs will cycle in a clockwise direction while the unit is performing the Auto-Prime procedure. The unit will pump fluid from the clean tank to the waste tank. The unit will then set the waste tank zero level by pumping fluid from the waste tank into the clean tank. When complete, the unit will automatically reset.

7. Return the hoses to their original location.

8. The initial setup is complete.



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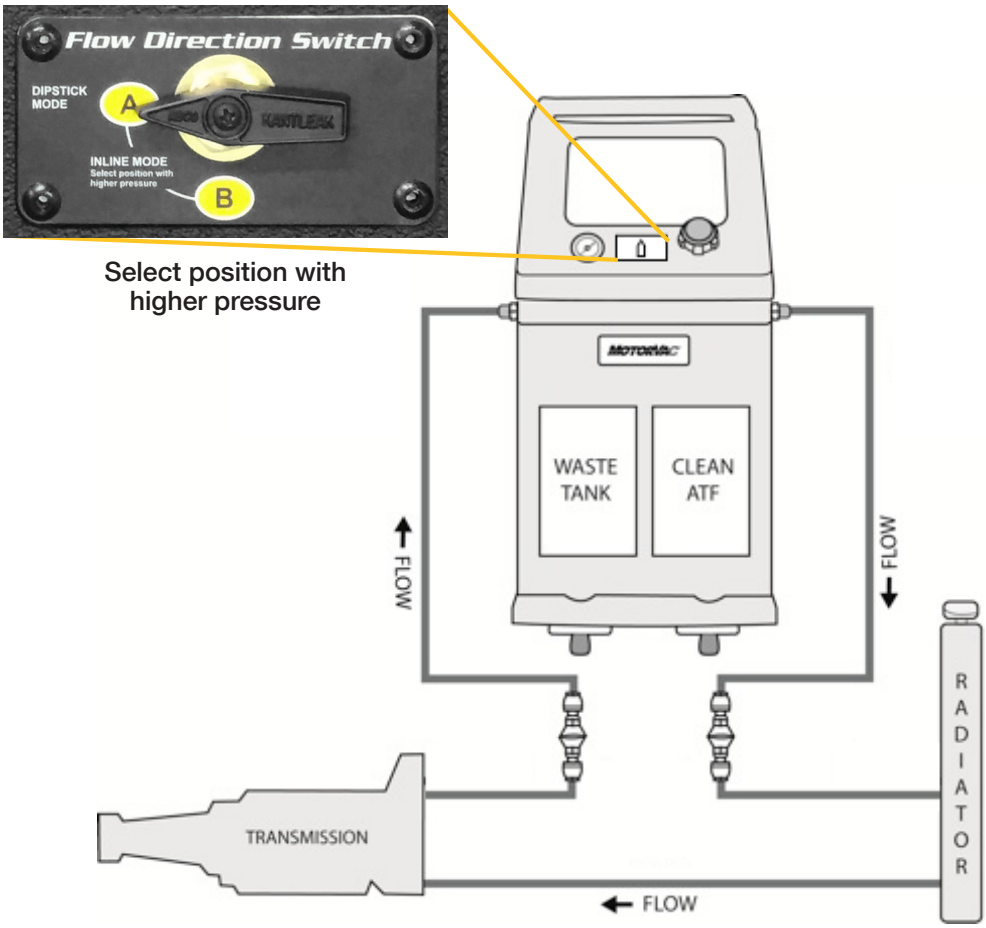
Transmission Service Procedure

Inline Exchange

Warning: It is not necessary to empty the waste tank before beginning an exchange. If beginning an exchange with fluid in the waste tank ensure that there is less fluid in the clean tank than the remaining capacity of the waste tank. Failure to do so will result in waste tank overflowing!

Connection to Vehicle

1. Connect appropriate adapters to vehicle transmission cooler lines.
2. Start the vehicle.
3. Observe pressure gauge and toggle flow direction switch between position A and B. Whichever position has greater pressure is correct. Leave valve in that position for the entire service



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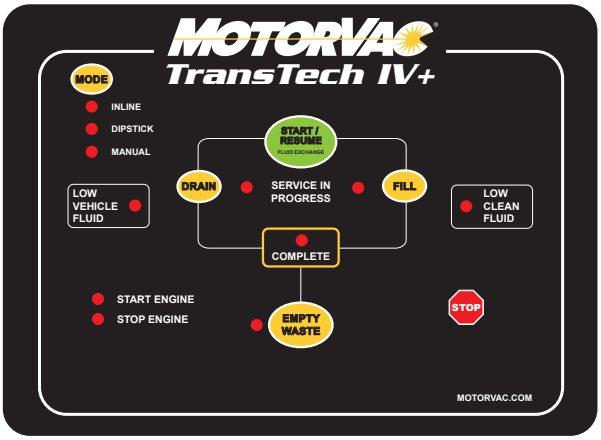
Inline Exchange (Cont'd)



Control Panel

Pressure Gauge

Automatic Fluid Exchange Operation.

1. Make sure the TransTech IV+ new fluid tank is filled with the correct type and amount of Transmission Fluid.
2. Connect TransTech IV+ power leads to the vehicle's battery.
3. Follow steps 1 - 3 in connection to vehicle section. (page 7)
4. Press **START/RESUME** button to begin the exchange.
5. When fluid exchange is finished, the **COMPLETE** light will come on and TransTech will beep continuously until **STOP** button is pressed.
6. Once transmission service is complete, check ATF level with engine running or as per manufacturer's recommendation. Press and hold **DRAIN** or **FILL** to adjust ATF level. Stop the engine, the service is complete.
7. Direct waste hose to a suitable container; open the ball valve on the end of the waste hose and press **EMPTY WASTE** button to empty dirty fluid tank.

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Optional Procedure - Drain Pan for Filter Change

Warning: It is not necessary to empty the waste tank before beginning an exchange. If beginning an exchange with fluid in the waste tank ensure that there is less fluid in the clean tank than the remaining capacity of the waste tank. Failure to do so will result in waste tank overflowing!

1. Make sure the TransTech IV+ new fluid tank is filled with the correct type and amount of transmission fluid.
2. Connect TransTech IV+ power leads to the vehicle's battery.
3. Follow steps 1 - 3 in connection to vehicle section. (page 7)
4. With the TransTech connected and engine running, press **DRAIN**. When the transmission pan is emptied, ATF pressure in the machine drops, a buzzer will sound. The **LOW VEHICLE FLUID** and **STOP ENGINE** lights will flash.
5. Immediately turn off the vehicle's engine and press **STOP** to silence the alarm. Perform drain pan service.
6. When the filter change is complete, press **START/RESUME** button and the TransTech IV+ will refill the vehicle with the same amount of fluid removed.
7. The buzzer will sound and **START ENGINE** light will flash.
8. Start vehicle.
9. Press **START/RESUME** button to begin the exchange.
10. When fluid exchange is finished, the **COMPLETE** light will come on and TransTech will beep continuously until **STOP** button is pressed.
11. Once transmission service is complete, check ATF level with engine running or as per manufacturer's recommendation. Press and hold **DRAIN** or **FILL** to adjust ATF level. Stop the engine, the service is complete.
12. Direct waste hose to a suitable container; open the ball valve on the end of the waste hose and press **EMPTY WASTE** button to empty dirty fluid tank.

Pause Feature

If service needs to be paused at any time press **STOP**. To resume, press **START/RESUME**. The machine will pause indefinitely until the **START/RESUME** button is pressed. While paused, fluid will flow through the machine in a bypass loop.

Adding ATF to Clean Tank

It is recommended that the desired amount of clean ATF to be exchanged is added to the Clean Tank before a service begins. However, additional ATF can be added after a service has started but **ONLY** when the service is paused. Any ATF added while the unit is performing a service will not be properly measured and may result in an **OVER FILL of the vehicle's transmission!**

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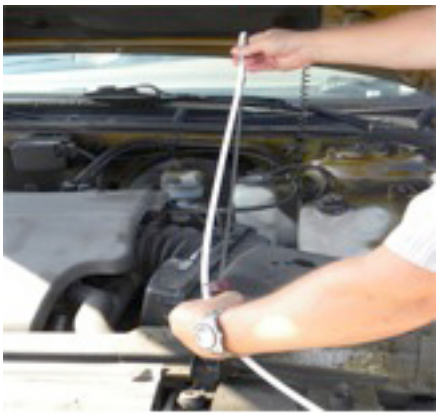
Dipstick Exchange

Warning: It is not necessary to empty the waste tank before beginning an exchange. If beginning an exchange with fluid in the waste tank ensure that there is less fluid in the clean tank than the remaining capacity of the waste tank. Failure to do so will result in waste tank overflowing!

1. Fill the TransTech IV+ new fluid tank with the correct type and amount of Transmission Fluid.

2. Connect TransTech IV+ power leads to the vehicle's battery.
3. Ensure flow direction switch is in position A.
4. Press **MODE** button to select Dipstick operation. Dipstick indicator will be illuminated.
5. Check the transmission fluid level. The Transmission fluid level can be adjusted at this time using the **DRAIN** or **FILL** buttons. This will ensure the service completes with the correct amount of fluid in the transmission.
6. Measure the vehicle dipstick and set spacer on dipstick fill tube/drain tube on TransTech IV+ to the correct length. Insert the TransTech IV+ tube into the vehicles dipstick tube.



7. Press **START/RESUME** button to begin service.

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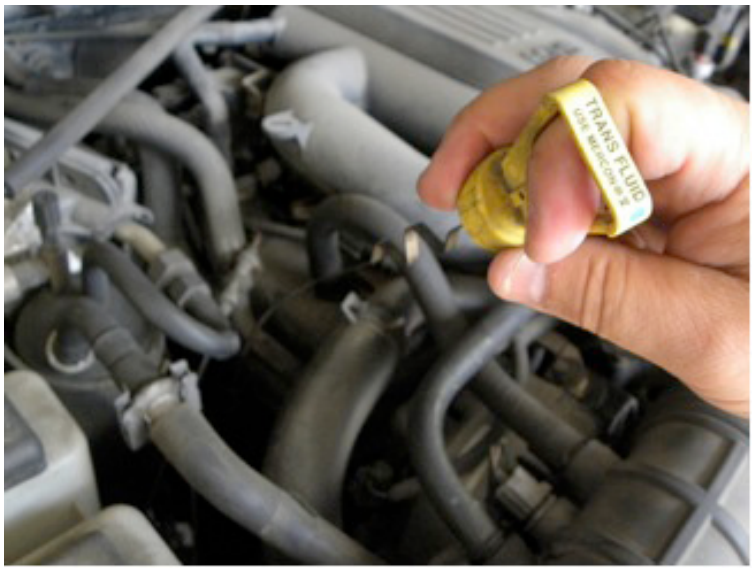
Dipstick Exchange (Cont'd)

8. The DRAIN light is on solid. Initial drain cycle begins.
9. Once fluid flow has stopped, service pauses, FILL light flashes. The operator can continue with service or remove the drain pan if drain pan service is required.
10. Press FILL button to continue service. The unit will refill the same amount of fluid that was drained from the transmission oil pan. After the initial Fill sequence, the unit will pause and the START ENGINE light will flash.
11. Start the engine.
12. Press the START/RESUME button to continue the service to completion.
13. The COMPLETE light will turn on when the service is complete and alarm will sound. Press STOP button to silence alarm.
14. Remove the Dipstick fill adaptor and check the level of transmission fluid in the vehicle.



15. If the transmission fluid level needs adjustment, re-insert the dipstick fill drain tube back into the vehicle and adjust the fluids as necessary by pressing the DRAIN or FILL buttons.
16. Direct waste hose to a suitable container; open the ball valve on the end of the waste hose and press EMPTY WASTE to empty dirty fluid tank.

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Changing Fluid Types

Follow these steps if it is necessary to completely empty the clean fluid tank in order to change to another type of fluid.

1. Install an open adapter in the clean hose coupler. Ensure direction switch is in position A. Install hose into a capture container.
2. Connect power cord to a 12 volt DC source. Press the **MODE** button until both the Dipstick and Manual LED's are on.
3. Press & hold the **FILL** button. The pump will operate until the FILL button is released.
4. Tip the unit slightly backwards to let the fluid flow toward the back of the tank for complete evacuation.
5. Pressing the **STOP** button for five seconds will reset the unit.

Follow these steps if it is necessary to completely empty the dirty fluid tank.

1. Connect the power cord to a 12 volt DC source.
2. Direct the waste hose to a suitable disposal container. Open the ball valve on the end of the waste hose.
3. If the **EMPTY WASTE** LED is on, press the **EMPTY WASTE** button. The unit will automatically pump out the dirty fluid until the fluid level stops at the switch in the bottom of the tank. The **EMPTY WASTE** LED will go off.
4. Press and hold the **EMPTY WASTE** button for 5 seconds to enter **MANUAL WASTE** mode. Unit will beep. Release the button. The **EMPTY WASTE LED** will flash.
5. Press and hold the **EMPTY WASTE** button. The pump will operate until the **EMPTY WASTE** button is released.
6. Tip the unit slightly backwards to let the fluid flow toward the back of the tank for complete evacuation.
7. Pressing the **STOP** button for five seconds will reset the unit.

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Maintenance Procedures

The following maintenance procedures should be performed on a routine basis:

1. Carefully clean the exterior with a soft cloth to keep the cabinet looking new. Check the cabinet for dents or impact markings, if found, inspect for damaged components.
2. Check all hoses and wires for cuts or frays.
3. Clean the filter screens after every 100 services or
4. 6 months, which ever comes first. See the next section for procedure.

Cleaning the Unit's Internal Filters

1. Disconnect power harness from any power source.
   Remove the Phillip head screws that join the top cabinet housing to the lower housing. Remove the cap from the tank and carefully tip the top cabinet forward.
2. Locate the plastic filter housing, found at the top (back) of each tank. There is also a filter inside the unit on the DIPSTICK RETURN hose. NOTE: Clean one filter at a time. Unscrew the filter cap by rotating counter-clockwise.
3. Remove the screen from the filter housing. Clean the screen.
4. Assemble in reverse order. NOTE: Use caution not to pinch O-ring on reassembly
5. Enter initials, date, and a check mark in the appropriate boxes of the Maintenance Record at the end of the chapter.
6. Replace the external filter located in the INLINE RETURN hose.

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Troubleshooting and Additional Help

Refer to the list below troubleshooting assistance.

Problem	Possible Cause
1. Unit does not power-up. No LED's are illuminated	Polarity is reversed on vehicle battery connection. Check connection to battery for a loose condition. Circuit breaker may be tripped. (Automatic reset). Faulty battery
2. Start light does not stop blinking when the engine is started.	Observe pressure gauge to see if fluid/pressure is reaching the machine. **CLEAN FLUID** and Inlet hose may be reversed. Vehicle may have to be placed in neutral to achieve pressure. Vehicle may be of a low pressure design or have a thermostat
3. Fluid is not going into the Waste tank during inline service.	If the **DRAIN** LED is on (indicating unit should be draining), and there is pressure reading on the gauge, but no fluid is going into the waste tank then the solenoid valve is not 'switched'. Solenoid requires a good 12 volts. Low battery voltage, defective power cable or poor wiring connector between the board and solenoid can cause this problem.
4. The unit performs poorly.	Verify that the tank filter screen has recently been cleaned. (Refer to the maintenance log in to view dates of services performed.)
5. When first connected to a battery, all the unit's lights remain on and gives a steady tone.	Verify good battery voltage (12.5 volts) and connection. Unit will not operate off a booster pack. Connect to a new fully charged battery and try again. Check wiring for damage
6. Unit will not start. Light (LED) on below the 'fill switch'	Check for residual pressure on the gauge. Pressure in the dirty hose or defective pressure switch or wiring.

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Error Alerts

The TransTech IV+ has been designed to stop the service and alert the operator in certain instances if the unit is not functioning properly. There are 2 different notifications, one that occurs while draining and the other while the unit is filling. See below for details.

Alert	Notification	Cause	Hardware Troubleshooting steps	Recovery
Fill Error **see Fig. 1**	The alarm sounds. The following LEDs flash: INLINE, DIPSTICK, MANUAL FILL.	There is a hardware or software problem that has caused the unit to lose track of how much fluid is in the Clean Tank. This alert prevents the unit from overfilling the transmission if there is a problem with the fluid level sensing system. Flow direction switch is in position B for dipstick service	Empty the Clean ATF tank on the TransTech IV+ before attempting another exchange. **Note: Do not leave oil standing above the 0 line of the clean tank for extended periods of time. This may cause the unit to lose track of fluid levels.** **Ensure flow direction switch is in position A for dipsticks service.**	Press **STOP** button to silence the buzzer. Due to the probability of an overfill condition, the unit cannot recover from this error. Reset the unit to attempt further operation.

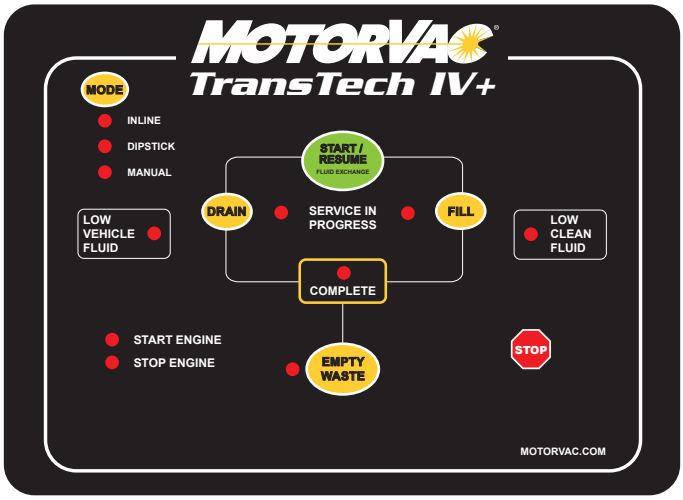

Fig. 1

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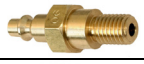
TransTech System Accessories

Part Number	Mating Part	Description	Picture	ID Mark	Vehicles	In Euro Kit 200-3120	Standard Adapter Kit 200-3100A	Deluxe Adapter Kit 200-3101A
060-0450		Hose Clamp 7/8" I.D. max			General Application		1	
060-1000	060-1300	1/4" Male Bump Tube			Most Asian Vehicles	1	1	
060-1100	060-1400	5/16" Male Bump Tube			Most Asian Vehicles	1	1	
060-1200	060-1500	3/8" Male Bump Tube			Most Asian Vehicles	1	1	
060-1300	060-1000	1/4" Open End Hose			Most Asian Vehicles	1	1	
060-1400	060-1100	5/16" Open End Hose			Most Asian Vehicles	1	1	
060-1500	060-1200	3/8" Open End Hose			Most Asian Vehicles	1	1	
060-1700	062-0170	5/16" Flare, 7/16"-24 - Domestic Vehicles					1	
060-1800	062-0180	3/8" Flare, 5/8"-20 - Domestic Vehicles					1	
060-2000	060-2005	GM 7/16" Inverted Flare Male			GM			
060-2005	060-2000	GM 7/16" Inverted Flare Female			GM			
060-2010	060-2015	GM 1/2" Inverted Flare Male			GM			
060-2015	060-2010	GM 1/2" Inverted Flare Female			GM			
060-2020		GM 1/2" Hose			GM			
060-2025		VW M12			VW			
060-2030		VW M12 with o-ring			VW	2		
060-2035	060-2040	Jeep 5/8-18 male			Jeep			
060-2040	060-2035	Jeep 5/8-18 female			Jeep			
060-2045	060-2050	SAE J512 45 deg flare 5/8 male						
060-2050	060-2045	SAE J512 45 deg flare 5/8 female						
060-2055	060-2060	Ford SAE J512 45 deg flare female			Ford			
060-2060	060-2055	Ford SAE J512 45 deg flare male			Ford			
060-2065	061-1550 (open end hose)	ADAPTER TRANS BMW 14 MM MALE			BMW	1		
060-2070	060-2075	Adapter Trans BMW - M18 x 1.5 M		70	BMW	1		
060-2075	060-2070	Adapter Trans BMW - M18 x 1.5 F		75	BMW	1		
060-2080		Adapter Trans Saab, Citroen, Lancia - M14 x 1.5M		80	Saab Citroen Lancia	1		
060-2090		Adapter Trans Fiat - M12 x 1.75 M		90	Fiat	1		
060-2095	060-2105	Adapter Trans Audi - M22 x 1.5 M		95	Audi	1		

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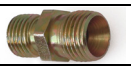
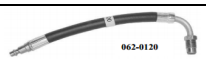
TransTech System Accessories

Part Number	Mating Part	Description	Picture	ID Mark	Vehicles	In Euro Kit 200-3120	Standard Adapter Kit 200-3100A	Deluxe Adapter Kit 200-3101A
060-2105	060-2095	Adapter Trans Audi - M22 x 1.5 F		105	Audi	1		
060-2110	NA	Adapter Trans Opel Corsa		110	Opel Corsa	1		
060-2300		14 mm Female				1		
060-2402	060-2740	14mm x 1.5 Banjo			Euro / Asia Vehicles	2		1
060-2501		Bypass adapter hose			General application			
060-2600	060-2300 060-2700	16mm x 1.5 Bubble Flare			European Vehicles	1		1
060-2700		Union - M 14mm X 16mm			European Vehicles	1		
060-2740	060-2402	14mm x 1.5 Banjo Bolt			Euro / Asia Vehicles Use with 060-2402	1		1
060-2741	060-2740	14mm Washer			Euro / Asia Vehicles	2		1
060-2742	060-2740	14mm x 1.5 Cap Nut			Euro / Asia Vehicles	1		1
060-3800	061-0605 061-0005 (optional)	#5 SAE Flare - European Vehicles					1	
060-4200	060-1400	5/16" Male Tube with Locking Quick Connect			Dodge / Ford Vehicles	1		1
060-4300	060-1500	3/8" Male Tube with Locking Quick Connect			Dodge / Ford Vehicles	1		1
061-0008		DODGE DIESEL ALLISON 540			DODGE DIESEL ALLISON 540			
061-0010		DODGE DIESEL ALLISON 634			DODGE DIESEL ALLISON 634			
061-0605	062-0140 060-3800	#5 SAE x #6 SAE Union - European Vehicles					1	
061-1008		FLARE COUPLER # 10 x # 8			ALLISON TRANSMISSIONS			
061-1550	062-2040	1/2" Open End Hose			Chrysler V-10 Diesel Use Volvo XC60 & 70	1		1
062-0100	062-2060 062-0110 (old)	5/16" Male Flare-Deep - Ford Vehicles					1	
062-0120	062-1034 062-0130 (old)	3/8" Male Flare-Deep Ford Vehicles					1	
062-0140	061-0605	#6 SAE Flare - European Vehicles						
062-0170	060-1700	5/16" Female Flare - x 1/4" MPT			General Application		1	
062-0180	060-1800	3/8" Female Flare - x 1/4" MPT			General Application		1	
062-1034	062-01200 62-0130 (old)	3/8"Female Flare-Deep - Ford Vehicles					1	
062-2000	062-2005	BMW (Jaguar & Mercedes) 12 mm Male O-Ring Type / Flange Style O'Ring P/N: 080-3602			BMW (Jaguar & Mercedes)	1		
062-2005	062-2000	BMW (Jaguar & Mercedes) 12mm Female Receptacle / Flange Type			BMW (Jaguar & Mercedes)	1		
062-2010	062-2015	10mm Male O'Ring Type / Flange Style O-Ring P/N: 080-3402			BMW (Jaguar & Mercedes)	1		

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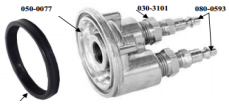
TransTech System Accessories

Part Number	Mating Part	Description	Picture	ID Mark	Vehicles	In Euro Kit 200-3120	Standard Adapter Kit 200-3100A	Deluxe Adapter Kit 200-3101A
062-2015	062-2010	10mm Female Receptacle / Flange - Style			BMW (Jaguar & Mercedes)	1		
062-2020		BMW 14mm Male			BMW			
062-2040	061-1550	1/2" Male Tube with Locking Quick Connect			Chrysler V-10 Diesel Use with 061-1550 Volvo XC60 & 70	1		1
062-2060	062-1034 062-0130 (old)	3/8" Male Flare-Deep - Ford Vehicles					1	
062-2061	062-2062	Volvo 850 Application, Volvo V-70 All Wheel Drive Male O-Ring Type / Flange Style			Volvo 850 Application, Volvo V-70 All Wheel Drive O'Ring P/N: 080-3602			
062-2062	062-2061	Volvo 850 Application, Volvo V-70 All Wheel Drive Female receptacle / Flange Style			Volvo 850 Application, Volvo V-70 All Wheel Drive			
062-2063	062-2064	Volvo 'S' Series Application Male O-Ring Type / Push Lock Style			Volvo 'S' Series Application Volvo 'V' & 'XC' O'ring:P/N 080-2326	1		
062-2064	062-2063	Volvo 'S' Series Application Female Receptacle / Push Lock Style			Volvo 'S' Series Application Volvo 'V' & 'XC'	1		
062-2065		Note: The center hole is ¾" ID x 20 thread pitch. Note: O'Ring is not included with adapter. Please remove o'ring from the old filter and install in the adapter.			ALLISON 1000 or SATURN with SPIN-ON TRANSMISSION FILTER			
062-2066	060-1500 062-2050 (old)	3/8" Male Tube with Locking Quick Connect			GM '95 and newer OPEL Insignia Mercedes Chrysler 300C with Hemi 5.7 Liter Engine 05+			1
062-2068A	062-2069	ALLISON 1000 DURAMAX Female O-Ring Type / Flange Style						
062-2069	062-2068A	ALLISON 1000 DURAMAX Male Receptacle / Flange Type						
062-2070	062-2071	Adapter, Fem 2004 F350 Diesel			2004 F350 Diesel			
062-2071	062-2070	Adapter, Male 2004 F350 Diesel			Male 2004 F350 Diesel			
062-2072		G.M. (CADILLAC CTS)						
062-2073	062-2074	MERCEDES BENZ			Mercedes	1		
062-2074	062-2073	MERCEDES BENZ			Mercedes	1		
062-2075	062-2076	Jaguar ZF Male			Jaguar			
062-2076	062-2075	Jaguar ZF Female			Jaguar			
062-2080	NA	ADAPTER TRANS PSA HEAT EXCH SMALL		062-2080	Peugeot and Citoën			
062-2085	NA	ADAPTER TRANS CITROEN HT EXCH		85	Citroen XM			
062-2090	NA	ADAPTER TRANS PSA HEAT EXCH LGE		062-2090	Peugeot and Citoën			
062-2095	062-3000	VAG Male Adapter		062-3000				

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TransTech System Accessories

Part Number	Mating Part	Description	Picture	ID Mark	Vehicles	In Euro Kit 200-3120	Standard Adapter Kit 200-3100A	Deluxe Adapter Kit 200-3101A
062-3000	062-2095	VAG Female Adapter		062-2095				
062-3005	062-3006	Ford 1/2" w/ thermostat Male			Ford SUV and F-150 with external thermostat			
062-3006	062-3005	Ford 1/2" w/ thermostat Female			Ford SUV and F-150 with external thermostat			
062-3007	062-3008	Ford 3/4" w/ thermostat Female		6/24/2014 6/24/2014	Ford Explorer with external thermostat			
062-3008	062-3007	Ford 3/4" w/ thermostat Male			Ford Explorer with external thermostat			
062-3011	062-3010	BMW Diesel SUV Female			BMW diesel SUV			
062-3010	062-3011	BMW Diesel SUV male			BMW diesel SUV			
062-4301		Ford retaining clip						
062-4400		Adapter, Ford quick disconnect ½"						
062-4401		FORD 3/8" - 'double bump'						1
065-1033		Adapter, Drain hook for oil flush						
080-0592	080-0593	MQD X 1/4" FPT			General Application	1		1
080-0593		Coupler, ¼" MQD x ¼" MPT, Zp			General Application			
080-0594	080-0595	MQD X 3/8" FPT			General application		1	
080-0595	080-0594	MQD X 3/8" MPT			General application		1	
200-6101		High pressure adapter assembly			General application			

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Service Parts for the TRANSTECH IV+ Transmission System.
Please refer to the part numbers below when ordering parts for this unit.

Part #	Description
010-0027	Wheel (8 x 1.75)
010-1052	Bottle for adaptor tray
011-0003	Sorter rack for adapter tray
010-5004	Hose bracket
010-5500	Axle, Rear Wheels (½" x 20.875 lg.)
010-5602	Adapter tray
010-6060	Reservoir cap
010-6101	Swivel caster with brake lock
040-0507	Axle Bushing (Black Nylon)
040-0604	Cap Nut (½" ID – Push 0n)
040-2200	Threaded Standoff (for adapter box)
050-1000	Screen filter inline ½"MPT.
050-1928	Filter for "Dirty" hose assembly.
200-0061	Assembly Dipstick Tube 1/4" x 42" PTFE
200-0085	Assembly Dipstick Tube 5/16" x 60" NYL
200-1101	Assembly Adapter Dipstick W / Hose
200-1109	Assembly Filter Dipstick Dirty Hose
200-1113	Assembly Disposal Hose
200-1604	Internal Light / LED type
200-3102	Dipstick Wand Kit c/w 200-0061 & 200-0085
200-8612	Disposal hose assembly
200-8650	Assembly Check Valve Clean Pump TTIV
200-8665	Output/Return hose assembly (2)
200-9001	Pressure Gauge Assembly (0-160 psi.)
020-8043	Harness, External Power
030-0055	Ball Valve 1/4FNPT Brass Chrome Plated

ORDERING PARTS

Parts for the TransTech IV+ may be ordered by calling MotorVac Customer Service at 1.800.841.8810. Please have your part numbers ready.

www.motorvac.com
info@motorvac.com

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