

# TSD650 DUAL **Ouick Start Instructions**

TRANSMISSION FLUID X-CHANGER w/ DUAL TANKS

# **DIPSTICK Exchange**

## CONNECTION



Connect battery cables to vehicle's battery.

Sélect exchange type Inline Exchange 2:Dipstick Exchange

Make sure the correct tank is selected (see Additional Functions on other sheet).



for Dipstick Exchange



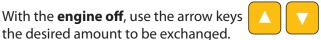
0 : Menu





Connect red and gray service hoses to chrome manifold.

Insert nylon tube down dipstick tube the same length as the dipstick, being cautious not to insert too far.





the desired amount to be exchanged.

to proceed. Press





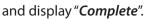
again to begin exchange.





Start the vehicle's engine when display prompts you to do so.

Press START . Once exchange is finished the screen will beep



ENTER START RESUM

Press

Press

Ω





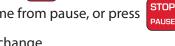




If needed, while running, pressing once will pause the machine. Press **START** to resume from pause, or press

a second time to cancel the exchange





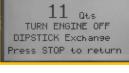




fluid in 2/10 of a quart increments. Use option 3 in the main

menu to add a full guart and **option 4** to remove a full guart.

to return to the main menu.











# **TSD650 DUAL Quick Start Instructions**

TRANSMISSION FLUID X-CHANGER w/ DUAL TANKS

# **INLINE** Exchange

#### CONNECTION



Connect battery cables to vehicle's battery.

élect exchange type Inline Exchange 2:Dipstick Exchange

Make sure the correct tank is selected (see Additional Functions on other sheet).

Press



### **OPERATION**

0:Menu



Connect appropriate adapters to vehicle's cooler line fittings.

Connect red and black service hoses to guick disconnect adapters on the end of the cooler line adapters.



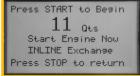
Use the arrow keys

to select the desired amount to

START

Press

be exchanged. Press **START** to proceed. Turn vehicle's **engine on**.



STOP to Exit

Complete



Once exchange is finished the screen will beepand display "Complete".

to begin the exchange.

## **ADDITIONAL FEATURES**

START to Resume PSS ess STOP to Exit aused



Inline Exchange Dipstick Exchange Add a Quart 4:Remove a Quart 5:Prime Machine STOP : Home 1More

If needed, while running, pressing machine. Press a second time to cancel the exchange

Press

Ω

Check the fluid level. Press



to resume from pause, or press

to add or remove

once will pause the

STOP

PALISE



to return to the main menu.

fluid in 2/10 of a quart increments. Use **option 3** in the main

menu to add a full quart and **option 4** to remove a full quart.



**TSD650 DUAL** 

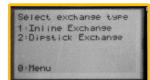
TRANSMISSION LUID X-CHANGER w/ DUAL TANKS

# **Quick Start Instructions:** Additional Functions

#### **MAIN MENU**



Connect battery cables to vehicle's battery.

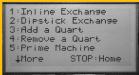


Press Ο for Main Menu

## **PRIMING THE MACHINE**



Make sure there is fluid in the New Fluid Tank. Connect the Red and Black service hoses together using any two mating adapters.



Prime Machine Join RED & BLACK Hose Press START to Begin Press STOP to Exit Add new fluid

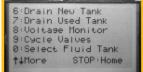


Press **START** to begin the process.

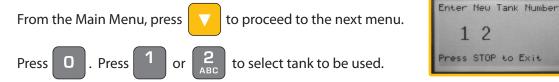
The unit will shut off when complete.



2



#### **SELECT NEW FLUID TANK**

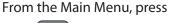


### DRAINING THE TANKS

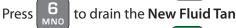


CONNECT an open ended drain hose to the RED SERVICE HOSE DISCONNECT the BLACK SERVICE HOSE Press START to Begin

Connect any open end adapter to **red hose** and insert into appropriate disposal container. Make sure all other hoses are disconnected!



to proceed to the next menu.



to drain the New Fluid Tank. Press 7







The unit will shut off when complete.

the **Used Fluid Tank**. Press

## **VOLTAGE MONITOR**

Drain New Tank Drain Used Tank Voltage Monitor 9:Cycle Valves 0:Select Fluid Tank ++More STOP : Home



From the Main Menu, press

to proceed to the next menu.

14.3 Volts Press STOP to Exit

**8** тиv to display the voltage.



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## **Quick Start Instructions:** Additional Functions

#### HALTED: REVERSE HOSES -



If the exchange stops and the display reads "Reverse Hoses", turn

vehicle off, switch the red and black service hoses, restart vehicle,







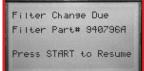
If the exchange stops and the display reads "Shift to Neutral",

**HALTED:** SHIFT TO NEUTRAL

set the vehicle's parking brake, shift to Neutral, and press



#### FILTER CHANGE DUE

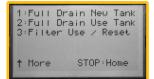


The machine will indicate when the canister filters need to be replaced. Remove service panel on back of machine. Use a standard filter band clamp tool to unscrew old filters, and replace them with new filters. Make sure new filters are on tight.

**IMPORTANT:** Machine must be primed after filter change.



#### **TOTAL FILTER USE**



Power Failure

Check Battery Connect Low Voltage Recover 14.2 Volts

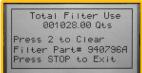
Press START to Resume

Press Stop to Cancel





to display the total filter use. Press 2 to reset.



STOP to Pause

Running

#### **POWER FAILURE MEMORY**

If there is a power failure during a transmission fluid exchange, the procedure can be continuted seamlessly.

Simply reconnect the battery cables, and press



The exchange will resume where it left off.

#### **CYCLE VALVES** -

Drain New Tank Drain Used Tank Voltage Monitor Cycle Valves 0:Select Fluid Tank STOP : Home More



to proceed to the next menu.



to cycle the valves.