



# MANUAL FLUID EVACUATOR

## USER GUIDE

SKU: MMTL-FEX-MP

### IMPORTANT INSTRUCTIONS & SAFETY RULES

1. Know your tool. Read this manual carefully. Learn the tool's applications and limitations, as well as potential hazards specific to it.
2. Keep work area clean and well lit. Cluttered or dark work areas invite accidents.
3. Keep children away. All children should be kept away from the work area. Never let a child handle a tool without strict adult supervision.
4. **DO NOT** operate this tool if under the influence of alcohol or drugs. Read warning labels on prescriptions to determine if your judgment or reflexes are impaired while taking drugs. If there is any doubt, **DO NOT** attempt to operate.
5. Use safety equipment. Eye protection should be worn at all times when operating this tool. Use ANSI approved safety glasses. Everyday eyeglasses are **NOT** safety glasses. Dust mask, non-skid safety shoes, hard hat or hearing protection should be used in appropriate conditions.
6. Wear proper apparel. Loose clothing, gloves, neck-ties, rings, bracelets or other jewelry may present a potential hazard when operating this tool. Keep all apparel clear of the tool.
7. **DO NOT** overreach. Keep proper footing and balance at all times when operating this tool.
8. Check for damage. Check your tool regularly. If part of the tool is damaged, it should be carefully inspected to make sure that it can perform its intended function correctly. If in doubt, the part should be repaired. Refer all servicing to a qualified technician. Consult your dealer for advice.
9. Keep away from flammables. **DO NOT** attempt to operate this tool near flammable materials or combustibles. Failure to comply may cause serious injury or death.
10. Store idle tools out of the reach of children and untrained persons. Tools may be dangerous in the hands of untrained users.
11. Maintain tools with care.
12. Keep tools dry and clean.
13. Properly maintained tools are less likely to bind and are easier to control. **DO NOT** use a damaged tool. Tag damaged tools "**DO NOT USE**" until repaired.
14. Check for misalignment or binding of moving parts, breakage of parts, and any other condition that may affect the tool's operation.
15. If damaged, have the tool serviced before using. Many accidents are caused by poorly maintained tools.
16. Use only accessories that are recommended by the manufacturer for your model. Accessories that may be suitable for one tool may become hazardous when used on another tool.

## IMPORTANT INSTRUCTIONS & SAFETY RULES CONTINUED

17. Tool service must be performed only by qualified repair personnel. Service or maintenance performed by unqualified personnel could result in a risk of injury.

18. When servicing a tool, use only identical replacement parts. Use of unauthorized parts or failure to follow maintenance instructions may create a risk of injury.

19. Maintain a safe working environment. Keep the work area well lit. Make sure there is adequate surrounding workspace. Keep the work area free of obstructions, grease, oil, trash, and other debris. **DO NOT** use this product in a damp or wet location.

## ASSEMBLY

The Main Extraction Reservoir is fully assembled.

1. Remove the unit and all pieces from the packaging.

2. Refer to the parts list to ensure all pieces are present.

3. Press the Main Suction Hose into the receiving hole on the Reservoir Cap. Press in until snug against the cap. The O-Ring will hold the Main Suction Hose in place during operation.

4. Remove the protective cover from the Venturi and install the Air Fitting.

5. Ensure that the Reservoir Lid is properly secured to the Reservoir.

6. If using shop air, connect the compressed air source to the Air Fitting installed on the Venturi.

## PREPARING FOR OPERATION

1. Park the vehicle on a level surface, free from obstruction. Put the vehicle in park or neutral; apply the parking brake.

2. If extracting oil, start the engine and allow the engine to idle until it has reached normal operating temperature. Turn the engine off.

**NOTE:** If extracting coolant, **DO NOT** follow Step 2. Allow the engine to cool completely before proceeding.

## EXTRACTING OIL THROUGH THE DIPSTICK TUBE

1. Insert the Dipstick Tube Adapter into the vehicle's dipstick tube until it reaches the bottom of the oil pan.

**NOTE:** **DO NOT** bend the Dipstick Tube Adapter while inserting the adapter into the dipstick tube.

2. Connect the Main Suction Hose to the inserted Dipstick Tube Adapter.

**NOTE:** Ensure that the hose connections are tight to prevent leakage during the extraction process.

3. Press the Main Suction Hose into the Reservoir Cap as described in the assembly instructions.

**NOTE:** Ensure that the Vacuum Release Plug is fully inserted in the lower receiving hole prior to operation. If the Vacuum Release Plug is not inserted, a vacuum will not be created.

### 4. USING THE PNEUMATIC FUNCTION

a) Open the Air Valve on the Venturi to create a vacuum. The oil will flow through the Suction Hose Assembly into the Reservoir until it has all been extracted OR until maximum reservoir capacity has been reached.

b) Close the Air Valve on the Venturi and disconnect from the air source.

### 5. USING THE MANUAL FUNCTION

a) Pump the Evacuator Handle several times to create a vacuum. The oil will flow through the Suction Hose Assembly into the Reservoir until it has all been extracted

OR until maximum reservoir capacity has been reached.

6. Disconnect the Main Suction Hose from Dipstick Tube Adapter.

7. Disconnect the Main Suction Hose from the Reservoir Cap. Pour the used oil from the Reservoir into a suitable container. Dispose of used oil in accordance with federal, state and location regulations.

## EXTRACTING COOLANT FROM A RADIATOR OR EXPANSION TANK

**WARNING:** **DO NOT** remove the cap from the radiator or expansion tank while the engine is at operating temperature. This system is under pressure and could cause serious injury. ALWAYS allow the engine to cool completely prior to removing the radiator cap or expansion tank cap.

1. See "Preparing for Operation" instructions above. Allow the engine to cool completely.

2. Remove the radiator or expansion tank cap.

3. Insert the appropriate diameter Suction Hose Adapter into the radiator or expansion tank until it reaches the bottom.

**NOTE:** **DO NOT** bend the Suction Hose Adapter while inserting the Hose Adapter into the radiator.

4. Connect the Main Suction Hose to the inserted Suction Hose Adapter.

5. Press the Main Suction Hose into the Reservoir Cap as described in the assembly instructions.

**NOTE:** Ensure that the Vacuum Release Plug is fully inserted in the lower receiving hole prior to operation. If the Vacuum Release Plug is not inserted, a vacuum will not be created.

### 6. USING THE PNEUMATIC FUNCTION

a) Open the Air Valve on the Venturi to create a vacuum. The coolant will flow through the Suction Hose Assembly into the Reservoir until it has all been extracted OR until maximum reservoir capacity has been reached.

b) Close the Air Valve on the Venturi and disconnect from the air source.

### 7. USING THE MANUAL FUNCTION

a) Pump the Evacuator Handle several times to create a vacuum. The coolant will flow through the Suction Hose Assembly into the Reservoir until it has all been extracted OR until maximum reservoir capacity has been reached.

8. Disconnect the Main Suction Hose from the Suction Hose Adapter.

9. Disconnect the Main Suction Hose from the Reservoir Cap. Pour the used coolant from the Reservoir into a suitable container. Dispose of used coolant in accordance with federal, state and local regulations.

## EXTRACTING BRAKE FLUID FROM THE MASTER CYLINDER

1. See "Preparing for Operation" instructions above.

2. Clean the exterior of the master cylinder and master cylinder cap to prevent dirt and debris from entering the master cylinder when the cap is removed.

3. Insert the appropriate diameter Suction Hose Adapter into the master cylinder reservoir.

**NOTE:** **DO NOT** bend the Suction Hose Adapter while inserting the hose adapter into the reservoir.

4. Connect the Main Suction Hose to the inserted Suction Hose Adapter.

**NOTE:** Ensure that the hose connections are

tight to prevent leakage during the extraction process.

5. Press the Main Suction Hose into the Reservoir Cap as described in the assembly instructions.

**NOTE:** Ensure that the Vacuum Release Plug is fully inserted in the lower receiving hole prior to operation. If the Vacuum Release Plug is not inserted, a vacuum will not be created.

#### 6. USING THE PNEUMATIC FUNCTION

a) Open the Air Valve on the Venturi to create a vacuum. The brake fluid will flow through the Suction Hose Assembly into the Reservoir until it has all been extracted OR until maximum reservoir capacity has been reached.

b) Close the Air Valve on the Venturi and disconnect from the air source.

#### 7. USING THE MANUAL FUNCTION

a) Pump the Evacuator Handle several times to create a vacuum. The brake fluid will flow through the Suction Hose Assembly into the Reservoir until it has all been extracted OR until maximum reservoir capacity has been reached.

8. Disconnect the Main Suction Hose from the Suction Hose Adapter.

9. Disconnect the Main Suction Hose from the Reservoir Cap. Pour the used brake fluid from the Reservoir into a suitable container. Dispose of used coolant in accordance with federal, state and local regulations.

## EXTRACTING POWER STEERING FLUID FROM THE POWER STEERING FLUID RESERVOIR

1. See "Preparing for Operation" instructions above.

2. Clean the exterior of the power steering fluid

reservoir and reservoir cap to prevent dirt and debris from entering the master cylinder when the cap is removed.

3. Insert the appropriate diameter Suction Hose Adapter into the master cylinder reservoir.

**NOTE: DO NOT** bend the Suction Hose Adapter while inserting the Hose Adapter into the reservoir.

4. Connect the Main Suction Hose to the inserted Suction Hose Adapter. **NOTE:** Ensure that the hose connections are tight to prevent leakage during the extraction process.

5. Press the Main Suction Hose into the Reservoir Cap as described in the assembly instructions.

**NOTE:** Ensure that the Vacuum Release Plug is fully inserted in the lower receiving hole prior to operation. If the Vacuum Release Plug is not inserted, a vacuum will not be created.

#### 6. USING THE PNEUMATIC FUNCTION

a) Open the Air Valve on the Venturi to create a vacuum. The power steering fluid will flow through the Suction Hose Assembly into the Reservoir until it has all been extracted OR until maximum reservoir capacity has been reached.

b) Close the Air Valve on the Venturi and disconnect from the air source.

#### 7. USING THE MANUAL FUNCTION

a) Pump the Evacuator Handle several times to create a vacuum. The power steering fluid will flow through the Suction Hose Assembly into the Reservoir until it has all been extracted OR until maximum reservoir capacity has been reached.

8. Disconnect the Main Suction Hose from the Suction Hose Adapter.

9. Disconnect the Main Suction Hose from the Reservoir Cap. Pour the used power steering fluid from the Reservoir into a suitable container. Dispose of used coolant in accordance with federal, state and local regulations.