

TV SERIES

VACUUM / HYDRAULIC BRAKE SYSTEM



VACUUM / HYDRAULIC TRAILER KITS

The TV series vacuum / hydraulic trailer kits are designed to meet the fluid displacement and pressure requirements of a wide variety of axle capacities. All kits listed below are furnished complete with control valve, vacuum tank, vacuum / hydraulic actuator, vacuum hose, and hydraulic brake line kit. The chart below provides an easy way to select the proper kit for a particular application by referencing the axle manufacturer and axle size. Torsion axle kits are also available.

Custom Kits are Available

AXLE MANUFACTURER	AXLE SET-UP		TRAILER KIT SELECTION		
	AXLE RATING	BRAKE TYPE	SINGLE AXLE	TANDEM AXLE	TRIPLE AXLE
DEXTER	5K-7K	DRUM	TV-801	TV-802	TV-803
	8K-12K	DRUM	TV-1001	TV-1002	TV-1003
	15K	DRUM	TV-1001	TV-1002	TV-1003-2
	10K, 15K	DISC	TV-1601D	TV1602D	TV-1603D
HAYES	5K-7K	DRUM	TV-801	TV-802	TV-803
	8K	DRUM	TV-1201	TV-1201	TV-1203
	9K, 10K, 12K	DRUM	TV-1601	TV-1602	TV-1603
	10K-12K	DISC	TV-1601D	TV-1602D	TV-1603D

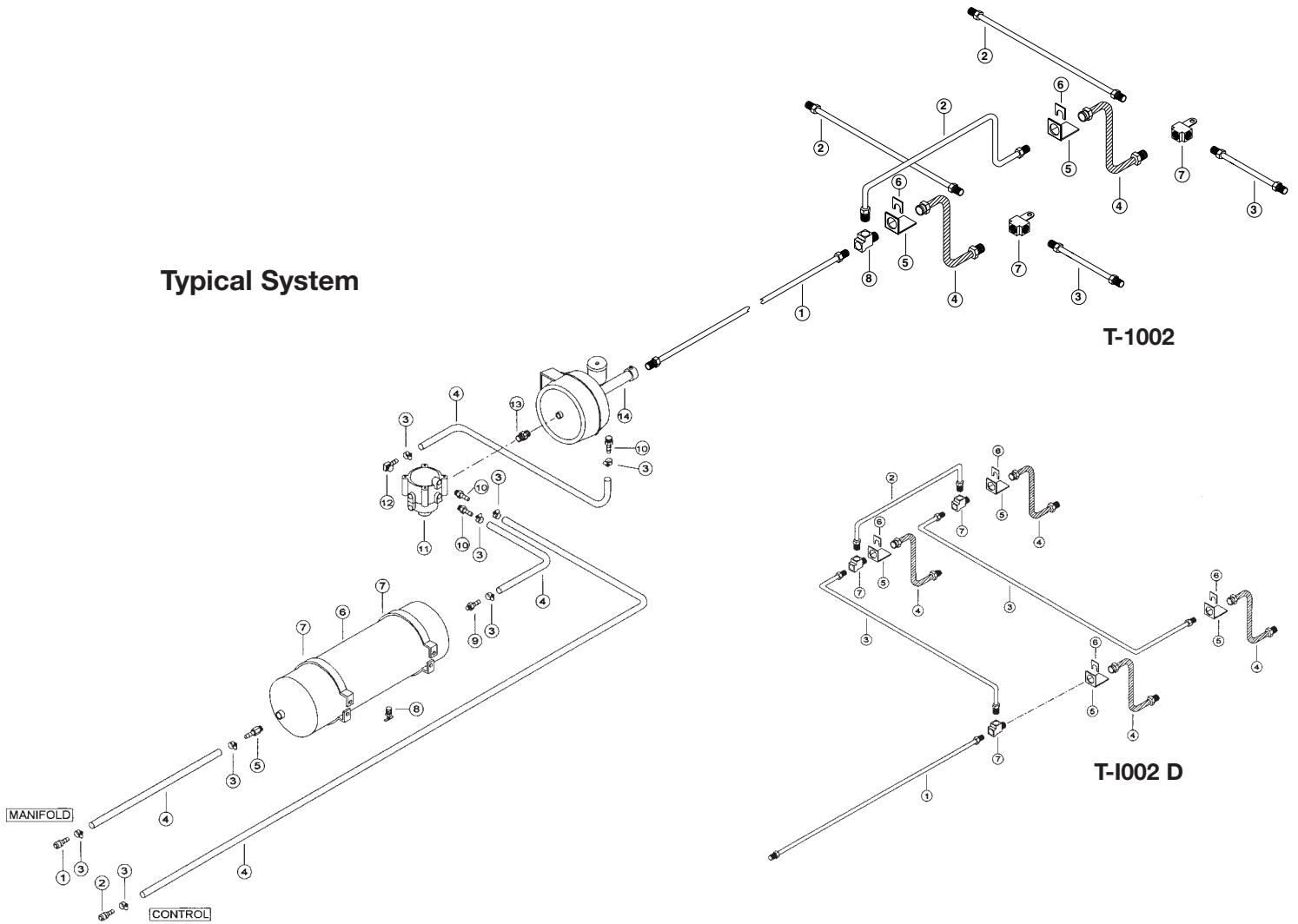
VACUUM / HYDRAULIC BOOSTER TECHNICAL DATA			
KIT SERIES	BOOSTER PART NO.	OUTPUT PRESSURE @ 20 in. Hg INPUT	FLUID DISPLACEMENT
TV-800	VB-800	750 PSIG	4.40 cu. in.
TV-1000	VB-1000	1000 PSIG	3.45 cu. in.
TV-1200	VB-1200	1200 PSIG	2.45 cu. in.
TV-1600	VB-1600	1600 PSIG	2.20 cu. in.

NOTE: THE NUMBER OF BOOSTERS REQUIRED DEPENDS ON THE BRAKES, THE NUMBER OF AXLES AND THE BOOSTER FLUID CAPACITY.

WARNING: IT IS THE BRAKE SYSTEM INSTALLERS' RESPONSIBILITY TO ENSURE COMPATIBILITY BETWEEN TOWING VEHICLE AND TRAILER ACTUATION SYSTEMS. VARIOUS COMBINATIONS OF AIR/HYD. OR VACUUM/HYD. AND TOW VEHICLE SYSTEMS CAN ALLOW NORMAL MAXIMUM WORKING PRESSURE TO EXCEED 1000 PSI ON DRUM BRAKES. PRESSURES IN EXCESS OF 1000 PSI ON DRUM BRAKES INCREASE LINING WEAR AND CAN LEAD TO COMPONENT FAILURE. MAKE CERTAIN YOUR SYSTEM HAS THE CORRECT BOOST RATIO AND BRAKE FLUID VOLUME TO ACTIVATE BRAKES PROPERLY.



Typical System



T-1002

T-1002 D

VACUUM / HYDRAULIC PARTS - MAJOR COMPONENTS



VACUUM PUMP KIT



VP - 2100

VACUUM PUMP (Electric)	
VP-2100	Vacuum Pump - Electric w/controller
VP-2101	Vacuum Pump Controller Kit
40011	Vacuum Pump - Electric

TRUCK CONTROL KITS



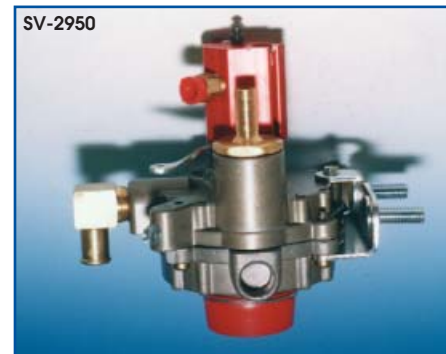
TK SERIES

TRUCK KITS (Vac/Hyd)	
TK-3000	Up to 1 ton, w/30ft. Vac. Hose
TK-3050	Up to 1 ton, w/50ft. Vac. Hose
TK-3100	Over 1 ton, w/30ft. Vac. Hose
TK-3150	Over 1 ton, w/50ft. Vac. Hose
TK-4050	Air / Hydraulic Truck Booster Kit

TRAILER BRAKE KITS



TV SERIES



SV-2950



RV-9200

RELAY/SYNC. VALVES (Vac/Hyd)	
SV-2950	Truck Sync. Valve
SV-2951	Truck Sync. Valve (2-ton pre 1986)
RV-9200	Relay Valve for Vac/Hyd Booster



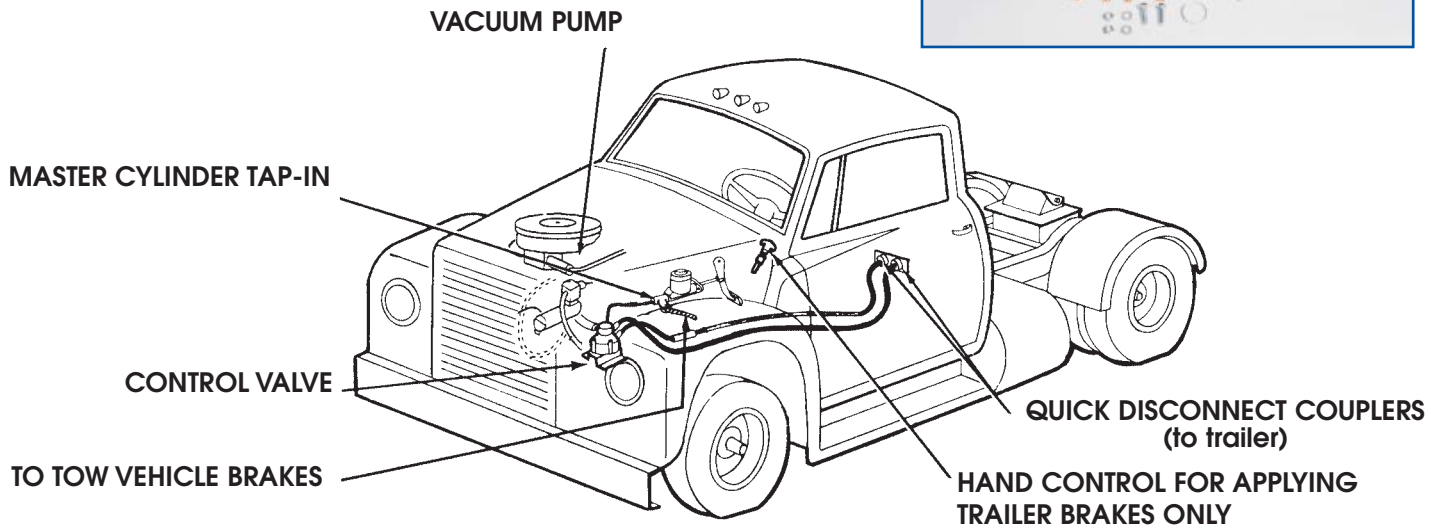
VACUUM / HYDRAULIC BRAKE SYSTEM

TRUCK CONTROL KIT & VACUUM PUMP KIT



TRUCK CONTROL KITS

The TK series of vacuum / hydraulic truck control kits are designed to provide trailer brake actuation by synchronizing the trailer brakes to the truck brake system.



VACUUM PUMP KITS

The **UNIVERSAL ELECTRIC** vacuum pump kit provides a vacuum source for diesel and EFI engine trucks with vacuum/ hydraulic braked trailers. This is a direct drive 12V pump that requires no pulleys or belts.



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TRUCK CONTROL KIT & VACUUM PUMP KIT

