

# PRODUCT BULLETIN

**PB NO.109**  
**REV. 2**

**Subject:** **Pilot Fuel Check Valve**  
**Superior Clean Burn Engine**  
**Part Number P-031-665-Y-1 Inline Engine**  
**P-031-665-V Vee Engine**

**PURPOSE:** To advise our customers of our NEW IMPROVED DESIGN pilot fuel check valve for Superior Clean Burn Engines.

The attached drawing reflects another improved design **PowerPart®**. **EnDyn** new pilot fuel double check valve has been installed in Superior Clean Burn Engines in excess of (12) months resulting in no downtime for removal and cleaning.

The male thread size is 7/8" X 14 and is interchangeable with your existing 7/8" check valve. The only required change is a slightly longer piece of tubing to the inlet connection (inline engines only).

In older engines utilizing the smaller 3/4" X 16 check valve, it will be necessary to rework your existing cylinder heads to accept the larger 7/8" check valve.

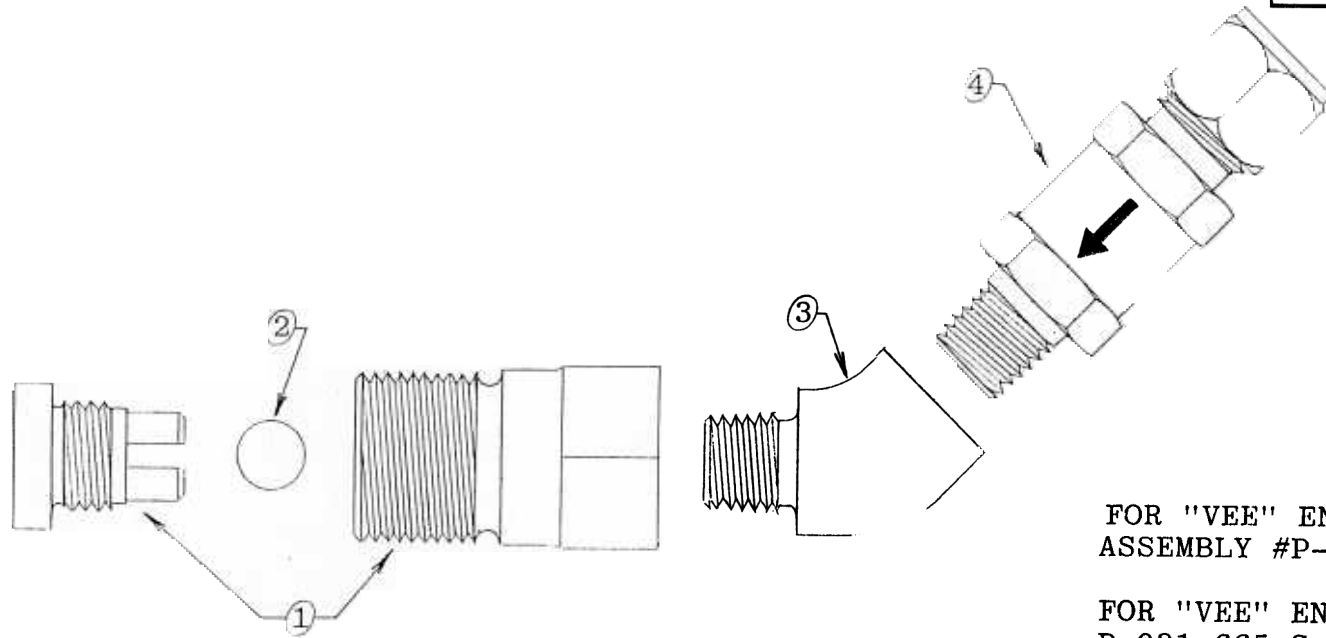
We also suggest that the combustion chambers be blown out after removal of the old check valve and prior to the installation of the new valve. This will remove any excess carbon stuck in the check valve passage way.

Our check valve is a stock item and can be shipped upon receipt of order. To place your order or if you have any questions contact **EnDyn** or your **EnDyn** Distributor.

-27-00

MARKETING DEPT.  
300 West First  
Alice, Texas 78332 USA  
361.668.8311  
800.723.6396  
fax 361.668.3906

DATE	SYM	REVISION RECORD	DR.	CK.



FOR "VEE" ENGINES USE CHECK VALVE ASSEMBLY #P-031-665-V

FOR "VEE" ENGINE APPLICATIONS, THE P-031-665-S-5 FITTING IS NOT REQUIRED.

BILL OF MATERIAL

ITEM	QTY	P/N	DESCRIP
1	1	P-031-665-S	CHECK VALVE
2	1	P-031-665-S-1	BALL
3	1	P-031-665-S-5	FITTING
4	1	P-031-665-3-4	CHECK VALVE

TOLERANCES (EXCEPT AS NOTED)		ENERGYDYNAMICS, INC.	
DECIMAL	±	SCALE NONE	DRAWN BY J. Terrell
FRACTIONAL	±	APPROVED BY JS	
ANGULAR	±	TITLE CHECK VALVE ASSY. - PILOT FUEL	
		DATE 8-27-93	DRAWING NUMBER P-031-665-Y-1

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