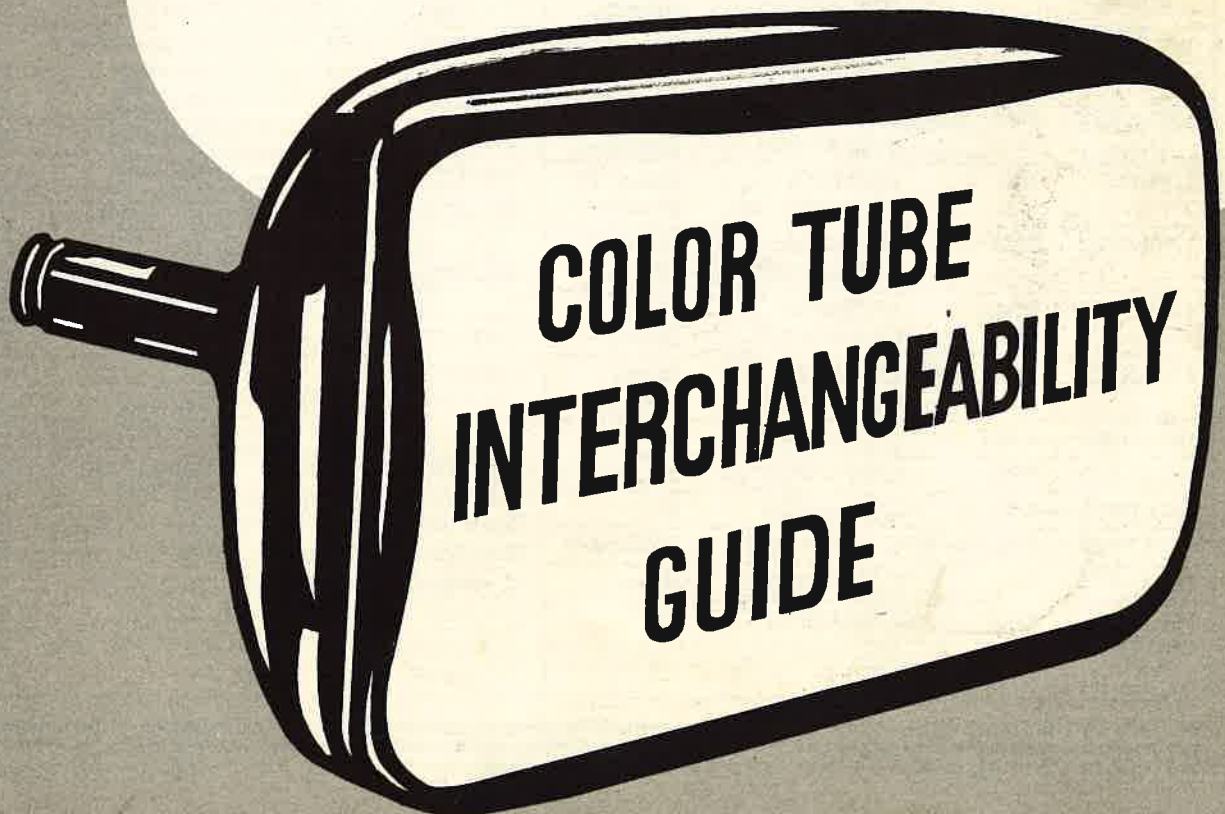


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TYPE TO BE REPLACED	IMPLOSION PROTECTION SYSTEM	REPLACE BY ZENITH TYPE (SEE IMPORTANT NOTE)	REPLACE-MENT INFORMATION▶	TYPE TO BE REPLACED	IMPLOSION PROTECTION SYSTEM	REPLACE BY ZENITH TYPE (SEE IMPORTANT NOTE)	REPLACE-MENT INFORMATION▶
13VAMP22	RIM	13VAMP22* C13VAMP22*	Direct + Direct +	18VARP22	PPG	C18VAHP22*	Direct
13VBAP22	KIM/EARS	13VBAP22* C13VBAP22* 13VBMP22* C13VBMP22*	Direct + Direct + Direct + Direct +	18VASP22	KIM	C18VAHP22*	B
13VBMP22	T-Band/ EARS	13VBAP22* C13VBAP22* 13VBMP22* C13VBMP22	Direct + Direct + Direct + Direct +	18VATP22	KIM		
14VABP22	RIM	14VAFP22* C14VAFP22*	Direct + Direct +	18VBAP22	KIM		
14VAFP22	RIM	14VAFP22* C14VAFP22*	Direct + Direct +	18VBCP22	PPG	C18VAHP22*	Direct
14VAJP22	RIM	14VAJP22* C14VAJP22*	Direct + Direct +	18VBHP22	KIM	C18VAHP22	B
15ACP22	RIM	14VAFP22* C14VAFP22* C15ACP22	Direct + Direct + Direct +	18VBJP22	KIM/EARS	C18VBJP22*	Direct +
15KP22	None	C15LP22	B ++	18VBKP22	KIM	C18VAHP22*	B
15LP22	PPG	C15LP22	Direct	19EXP22	None	C18VAHP22*	B ++
15NP22	T-Band	C15NP22	Direct +	19EXP22/ 19GVP22	None	C19EYP22	B ++
15RP22	None	C15LP22	B ++	19EYP22	PPG	C18VAHP22*	Direct
15TP22	KIM	C15NP22	Direct +	19EYP22/ 19GWP22	PPG	C19EYP22	Direct
15WP22	PPG	C15LP22	Direct	19GWP22	PPG		
15XP22	T-Band	C15NP22	Direct	19FMP22	PPG		
15ZP22	PPG	C15LP22	Direct	19FXP22	PPG		
16VAFP22	RIM	16VAFP22 C16VAFP22	Direct Direct +	19GSP22	PPG		
16VASP22	RIM	C16VASP22* C16VATP22*	Direct + Direct +	19GVP22	None	C18VAHP22*	B ++
16VATP22	RIM	C16VATP22*	Direct +	19GVP22/ 19EXP22	None	C19EYP22	B ++
16VBFP22	RIM	C16VBFP22*	Direct +	19GWP22	PPG	C18VAHP22*	Direct
16VBHP22	RIM	16VBHP22 C16VBFP22*	Direct Direct +	19GWP22/ EYP22	PPG	C19EYP22	Direct
17EVP22	RIM	16VAFP22* C17EVP22	Direct + Direct +	19GXP22	None	C18VAHP22*	BC ++
17VAKP22	RIM	17VAKP22* C17VAKP22*	Direct + Direct +	19GYP22	None	C19EYP22	BC ++
17VBDP22	RIM	17VBDP22* C17VBDP22*	Direct + Direct +	19GZP22	PPG	C18VAHP22*	Direct
17VBNP22	KIM/EARS	17VBNP22* C17VBNP22*	Direct + Direct +	19HBP22	PPG	C19EYP22	Direct
18VABP22	KIM	C18VAHP22*	B	19HCP22	KIM	C18VAHP22*	B
18VACP22	PPG	C18VAHP22*	Direct	19HCP22/ 19HKP22	KIM	C19EYP22 C19HCP22	B Direct +
18VADP22	KIM	C18VAHP22*	B	19HFP22	PPG	C18VAHP22* C19EYP22	Direct Direct
18VAFP22	KIM/EARS	C18VBJP22*	Direct +	19HJP22	KIM	C18VAHP22*	B
18VAHP22	PPG	C18VAHP22*	Direct	19HKP22	KIM	C19EYP22 C19HCP22	B Direct +
18VAJP22	KIM	C18VAHP22*	B	19HMP22		C19HMP22	Direct
18VAQP22	KIM			19HNP22	KIM	C19HNP22	Direct +
				19HQP22	None	C18VAHP22* C19EYP22	B ++ B ++
				19HRP22	PPG	C18VAHP22* C19EYP22	Direct Direct
				19HTP22	KIM	C18VBJP22	Direct +
				19HXP22	KIM	C18VAHP22* C19EYP22 C19HCP22	B B Direct +
				19JBP22	None	C18VAHP22*	B ++
				19JDP22	None	C19EYP22	B ++
				19JHP22	PPG	C18VAHP22*	Direct
				19JKP22	PPG	C19EYP22	Direct
				19JNP22	KIM	C18VAHP22* C19EYP22 C19HCP22	B B Direct +

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TYPE TO BE REPLACED	IMPLOSION PROTECTION SYSTEM	REPLACE BY ZENITH TYPE (SEE IMPORTANT NOTE)	REPLACEMENT INFORMATION▶	TYPE TO BE REPLACED	IMPLOSION PROTECTION SYSTEM	REPLACE BY ZENITH TYPE (SEE IMPORTANT NOTE)	REPLACEMENT INFORMATION▶
19JQP22	None	C18VAHP22* C19EYP22	B ++ B ++			C19VDFP22* 19VEHP22* C19VEHP22*	Direct + Direct + Direct +
19JYP22	PPG	C18VAHP22*	Direct				
19JZP22	KIM	C18VAHP22* C19EYP22 C19HCP22	B B Direct +	19VDFP22	KIM	C19VBRP22* 19VDFP22* C19VDFP22* 19VEHP22* C19VEHP22*	Direct + Direct + Direct + Direct + Direct +
19KDP22	KIM	C18VBJP22	Direct +				
19KEP22	PPG	C18VAHP22*	Direct	19VDMP22	KIM/EARS	19VDNP22*	Direct +
19KFP22	KIM	C18VAHP22*	B	19VDNP22	KIM/EARS	C19VDNP22*	Direct +
19KHP22	KIM	C18VBJP22*	Direct +	19VDQP22	KIM	C19VBRP22* 19VDFP22* C19VDFP22* 19VEHP22* C19VEHP22*	Direct + Direct + Direct + Direct + Direct +
19VABP22	PPG	C21FJP22A					
19VACP22	PPG	C21FJP22A/GV	Direct				
19VAFP22	RIM	C19VAFP22* 19VDZP22* C19VDZP22*	Direct + Direct + Direct +	19VDTP22	KIM	C19VATP22* C19VBRP22* 19VEHP22* C19VEHP22*	Direct + Direct + Direct + Direct +
19VAGP22	RIM	C19VAFP22* C19VAGP22* 19VDZP22* C19VDZP22*	Direct + Direct + Direct + Direct +	19VDWP22	KIM	C19VATP22* C19VBRP22* 19VDFP22* C19VDFP22*	Direct + Direct + Direct + Direct +
19VAQP22	KIM/EARS	19VDNP22* C19VDNP22*	Direct + Direct +	19VDXP22	KIM	19VATP22* C19VATP22* C19VBRP22*	Direct + Direct + Direct +
19VATP22	KIM	19VATP22*	Direct +				
19VAUP22	KIM	C19VBRP22* 19VDFP22* C19VDFP22* 19VEHP22* C19VEHP22*	Direct + Direct + Direct + Direct + Direct +	19VDYP22	KIM	C19VBRP22* 19VDFP22* C19VDFP22* 19VEHP22* C19VEHP22*	Direct + Direct + Direct + Direct + Direct +
19VBRP22	KIM	C19VBRP22* 19VDFP22* C19VDFP22* 19VEHP22* C19VEHP22*	Direct + Direct + Direct + Direct + Direct +	19VDZP22	RIM	19VDZP22* C19VDZP22*	Direct + Direct +
19VBWP22	KIM	19VATP22* C19VBRP22* 19VDFP22* C19VDFP22* 19VEHP22* C19VEHP22*	Direct + Direct + Direct + Direct + Direct + Direct +	19VEAP22	KIM	19VEHP22*	Direct +
				19VEBP22	KIM	C19VEHP22* C19VBRP22*	Direct + Direct +
19VCBP22	KIM/EARS	19VDNP22* C19VDNP22*	Direct + Direct +	19VEDP22	KIM	C19VEHP22*	Direct +
19VCFP22	KIM	C19VBRP22*	Direct +	19VEHP22	KIM	C19VEHP22*	Direct +
19VCNP22	KIM	19VDFP22* C19VDFP22* 19VEHP22* C19VEHP22*	Direct + Direct + Direct + Direct +	19VELP22	KIM		
				19VETP22	KIM		
19VCQP22	RIM	19VDZP22*	Direct +	19VEUP22	KIM		
19VCQP22A	RIM	C19VDZP22*	Direct +	19VEZP22	KIM		
19VCRP22	KIM	C19VBRP22*	Direct +	19VFKP22	KIM		
19VCTP22	KIM	19VDFP22*	Direct +	19VFSP22	KIM		
19VXCP22	KIM	C19VDFP22* 19VEHP22* C19VEHP22*	Direct + Direct + Direct +	19VGZP22	RIM	19VGZP22* C19VGZP22* 19VJRP22* C19VJRP22*	Direct + Direct + Direct + Direct +
19VCYP22	KIM	19VBRP22* 19VDFP22*	Direct + Direct	19VHJP22	T-Band	19VEHP22* C19VEHP22*	B + B +
				19VHSP22	RIM	19VHSP22* 19VHSP22* 19VJNP22* C19VJNP22*	Direct + Direct + Direct + Direct +
				19VJDP22	KIM	19VJDP22* C19VJDP22*	Direct + Direct +

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19VJNP22	KIM/EARS	19VJNP22* C19VJNP22*	Direct + Direct +	22KP22	None	G22QP22	B ++
19VJRP22	RIM	19VJRP22* C19VJRP22*	Direct + Direct +	22LP22	PPG	C22QP22	Direct
19VJSP22	KIM/EARS	19VJSP22* C19VJSP22*	Direct + Direct +	22QP22	PPG		
19VLQP22	T-Band/ EARS	19VLQP22* C19VLQP22*	Direct + Direct +	22RP22	None	C22QP22	B ++
21AXP22	None	C21FBP22A/GU	CJ	22SP22	PPG	C22QP22	Direct
21AXP22A	None	C21FJP22A/GV	BCJ ++	22UP22	KIM	C22AHP22	Direct +
21AXP22A/ 21AXP22	None			22XP22	KIM	C22QP22	B
21CYP22	None	C21FBP22A/GU	J	22YP22	PPG	C22QP22	Direct
21CYP22A	None	C21FJP22A/GV	BJ	23EGP22	PPG	C23EGP22	Direct
21FBP22	None			23EGP22A	PPG	23VATP22*	G
21FBP22A	None					C23VANP22*	G
21FBP22A/ 21GUP22	None					C25XP22	G
21FJP22	PPG	C21FJP22A/GV	J	23VABP22	PPG	C23VALP22*	Direct +
21FJP22A	PPG					C23VANP22*	Direct
21FJP22A/ 21GVP22	PPG					C23VAQP22*	B +
21FKP22	PPG					23VATP22*	Direct
21GFP22	PPG	C22QP22	L			C23VATP22*	Direct
21GLP22	PPG					23VCEP22	
21GNP22	PPG					C23VCEP22*	B +
21GRP22	PPG					23VCMP22*	B +
21GUP22	None	C21FBP22A/GU	Direct	23VACP22	KIM	C23VAMP22*	Direct +
21GUP22/ 21FBP22A	None	C21FJP22A/GV	B ++	23VADP22	KIM	C23VAQP22*	Direct +
21GVP22	PPG	C21FJP22A	Direct			23VCEP22	Direct +
21GVP22/ 21FJP22A	PPG					C23VCEP22*	Direct +
21GWP22	PPG	C22QP22	L			23VGMP22*	Direct +
21GXP22	PPG	C21FJP22A/GV	Direct			23VCMP22*	Direct*
21GYP22	PPG			23VAHP22	PPG	C23VALP22*	Direct +
21GZP22	PPG			23VALP22	PPG	C23VANP22*	Direct
21HAP22	PPG					C23VAQP22*	B +
21HBP22	PPG	C22QP22	L			23VATP22*	Direct
21VACP22	KIM	C21VAZP22	Direct +			C23VATP22*	Direct
21VAFP22	KIM					C23VBAP22*	B +
21VAJP22	KIM					23VCEP22*	B +
21VAQP22	KIM					C23VCEP22*	B +
21VAUP22	KIM					23VCMP22*	B +
21VAZP22	KIM					C23VCMP22*	B +
22ABP22	PPG	C22QP22	Direct	23VAMP22	KIM	C23VAMP22*	Direct +
22ADP22	KIM	C22AHP22	Direct +			23VCEP22*	Direct +
22AGP22	KIM	C22QP22	B			C23VCEP22*	Direct +
22AHP22	KIM					23VCMP22*	Direct +
22ALP22	KIM					C23VCMP22*	Direct +
22ARP22	PPG	C22QP22*	Direct	23VANP22	PPG	C23VALP22*	Direct +
22ASP22	KIM	C22AHP22 C22QP22	Direct + B			C23VANP22*	Direct
22JP22	PPG	22QP22				C23VAQP22*	B +
						23VATP22*	Direct
						C23VATP22*	Direct
						23VCEP22*	B +
						C23VCEP22*	B +
						23VCMP22*	B +
						C23VCMP22*	B +
				23VAQP22	KIM	C23VAMP22*	Direct +
						C23VAQP22*	Direct +
						23VCEP22*	Direct +
						C23VCEP22*	Direct +
						23VCMP22*	Direct +
						C23VCMP22*	Direct +

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23VARP22	PPG	C23VALP22*	Direct +	23VBHP22	PPG	C23VATP22*	Direct
		C23VANP22*	Direct +			C23VAQP22*	Direct
23VASP22 23VATP22 23VAUP22	PPG PPG PPG	C23VAQP22*	B +	23VBJP22 23VBNP22 23VBRP22	KIM KIM KIM	23VATP22*	Direct
		23VATP22*	Direct			C23VAMP22*	Direct +
		23VCEP22*	B +			C23VAQP22*	Direct +
23VAWP22	KIM	C23VCEP22*	B +	23VBSP22	PPG	C23VCEP22*	Direct +
		C23VCEP22*	B +			C23VCEP22*	Direct +
23VAXP22	PPG	C23VCEP22*	B +	23VBTP22	KIM	C23VCEP22*	Direct +
		C23VCEP22*	B +			C23VCEP22*	Direct +
23VAYP22	KIM	C23VCEP22*	B +	23VBWP22	KIM	C23VCEP22*	Direct +
		C23VCEP22*	B +			C23VCEP22*	Direct +
23VAZP22	None	C23VCEP22*	B ++	23VBYP22	KIM	C23VCEP22*	Direct
		C23VCEP22*	B ++			C23VCEP22*	Direct +
23VBAP22	KIM	C23VCEP22*	Direct +	23VCMP22	KIM	C23VCEP22*	Direct +
		C23VCEP22*	Direct +			C23VCEP22*	Direct +
23VBCP22 23VBDP22	KIM KIM	C23VCEP22*	Direct +	23VCRP22	KIM	C23VCEP22*	Direct +
		C23VCEP22*	Direct +			C23VCEP22*	Direct +
23VBEP22	PPG	C23VCEP22*	Direct +	23VCRP22	KIM	C23VCEP22*	Direct +
		C23VCEP22*	Direct +			C23VCEP22*	Direct +
23VBGP22	PPG	C23VCEP22*	Direct +	23VCRP22	KIM	C23VCEP22*	Direct +
		C23VCEP22*	Direct +			C23VCEP22*	Direct +

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25ABP22	PPG	C23VALP22*	Direct	25BDP22	KIM	23VCMP22*	B +		
		C23VANP22*	Direct			C23VCMP22*	B +		
		C23VAQP22*	B +			C23VAMP22*	Direct +		
		23VATP22*	Direct			23CEP22*	Direct +		
		C23VATP22*	Direct			C23VCEP22*	Direct +		
		23VCEP22*	B +			23VCMP22*	Direct +		
		C23VCEP22*	B +			C23VCMP22*	Direct +		
		23VCMP22*	B +	25BFP22	KIM	C23VAMP22*	Direct +		
		C23VCMP22*	B +					C23VAQP22*	Direct +
		C25XP22	Direct					23VCEP22*	Direct +
25ADP22	KIM	C23VAMP22*	Direct +			23VCMP22*	Direct +		
		C23VAQP22*	Direct +			C23VCMP22*	Direct +		
		23VCEP22	Direct +	25BGP22	PPG	C23VALP22*	Direct		
C23VCEP22*	Direct +					C23VANP22*	Direct		
23VCMP22*	Direct +					C23VAQP22*	B +		
		C23VCMP22*	Direct +			23VATP22*	Direct		
25AEP22	None	C23VANP22*	B ++			C23VATP22*	Direct		
		23VATP22*	B ++			23VCEP22*	B +		
		C23VATP22*	B ++			C23VCEP22*	B +		
		C25XP22	B ++			23VCMP22*	B +		
25AFP22	PPG	C23VALP22*	Direct			C23VCMP22*	B +		
		C23VANP22*	Direct			C25XP22	Direct		
		23VAQP22*	B +	25BHP22	KIM	C23VAMP22*	Direct +		
23VATP22*	Direct					C23VAQP22*	Direct +		
C23VATP22*	Direct					23VCEP22*	Direct +		
		23VCEP22*	B +			C23VCEP22*	Direct +		
		C23VCEP22*	B +			23VCMP22*	Direct +		
		23VCMP22*	B +			C23VCMP22*	Direct +		
		C23VCMP22*	B +	25BJP22	PPG	C23VALP22*	Direct		
		C25XP22	Direct					C23VANP22*	Direct
								C23VAQP22*	B +
25AGP22	KIM	C23VAMP22*	Direct +			23VATP22*	Direct		
25AJP22	KIM	C23VAQP22*	Direct +			C23VATP22*	Direct		
		23VCEP22*	Direct +			23VCEP22*	B +		
		C23VCEP22*	Direct +			C23VCEP22*	B +		
		23VCMP22*	Direct +			23VCMP22*	B +		
		C23VCMP22*	Direct +			C23VCMP22*	B +		
25ANP22	PPG	C23VALP22*	Direct			C25XP22	Direct		
25AQP22	PPG	C23VANP22*	Direct	25BKP22	KIM	C23VAMP22*	Direct +		
		C23VAQP22*	B +					23VCEP22*	Direct +
		23VATP22*	Direct					C23VCEP22*	Direct +
		C23VATP22*	Direct			23VCMP22*	Direct +		
		23VCEP22*	B +			C23VCMP22*	Direct +		
		C23VCEP22*	B +	25BMP22 25BRP	PPG PPG	C23VALP22*	Direct		
		23VCMP22*	B +					C23VANP22*	Direct
		C23VCMP22*	B +					C23VAQP22*	B +
		C25XP22	Direct			23VATP22*	Direct		
25ASP22		C23VAMP22*	Direct +			C23VATP22*	Direct		
25AWP22	KIM	C23VAQP22*	Direct +			23VCEP22*	B +		
25AXP22	KIM	23VCEP22*	Direct +			C23VCEP22*	B +		
25AZP22	KIM	C23VCEP22	Direct +			23VCMP22*	B +		
	KIM	23VCMP22*	Direct +			C23VCMP22*	B +		
	KIM	C23VCMP22*	Direct +			C25XP22	Direct		
25BAP22		C23VALP22*	Direct	25AP22 25AP22A 25AP22A/	PPG PPG	C23VALP22*	Direct		
25BCP22	PPG	23VATP22*	Direct					C23VANP22*	Direct
	PPG	C23VATP22*	Direct					C23VAQP22*	B +
		23VCEP22*	B +						
		C23VCEP22*	B +						

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25XP22		23VATP22* C23VATP22* 23VCEP22* C23VCEP22* 23VCMP22* C23VCMP22* C25XP22	Direct Direct B + B + B + B + Direct			23VCEP22* C23VCEP22* 23VCMP22* C23VCMP22* C25XP22	B + B + B + B + Direct
25BP22 25BP22A 25BP22A/ 25YP22	None None None	C23VANP22* 23VATP22* C23VATP22* C25XP22	B ++ B ++ B ++ B ++	25VABP22	PPG	C25VABP22 C25VAMP22* C25VAQP22* 25VCNP22* C25VCNP22*	Direct Direct B + B + B +
25CP22 25CP22A	PPG PPG	C23VALP22* C23VANP22* C23VAQP22* 23VATP22* C23VATP22* 23VCEP22* C23VCEP22* 23VCMP22* C23VCMP22* C25XP22	Direct Direct B + Direct Direct B + B + B + B + Direct	25VACP22	KIM	C25VCNP22* C25VCNP22*	Direct + Direct +
25FP22 25FP22A	None None	C23VANP22* 23VATP22* C23VATP22* C25XP22	B ++ B ++ B ++ B ++	25VADP22	PPG	C25VABP22* C25VAMP22 C25VAQP22* 25VCNP22* 25VCNP22* C25VCNP22*	Direct Direct Direct B + B + B +
25GP22 25GP22A	PPG PPG	C23VALP22* C23VANP22* C23VAQP22* 23VATP22* C23VATP22* 23VCEP22* C23VCEP22* 23VCMP22* C23VCMP22* C25XP22	Direct Direct B + Direct Direct B + B + B + B + Direct	25VAEP22	PPG	C25VABP22* C25VAEP22* C25VAMP22* C25VAQP22* 25VCNP22* C25VCNP22*	Direct Direct Direct B + B + B +
25RP22	None	C23VANP22* 23VATP22* C23VATP22* C25XP22	B ++ B ++ B ++ B ++	25VAFP22	KIM	25VCNP22* C25VCNP22*	Direct Direct
25SP22 25VP22 25WP22 25XP22 25XP22/ 25AP22A	PPG PPG PPG PPG PPG	C23VALP22* C23VANP22* C23VAQP22* 23VATP22* C23VATP22* 23VCEP22* C23VCEP22* 23VCMP22* C23VCMP22* C25XP22	Direct Direct B ++ Direct Direct B + B + B + B + Direct	25VAGP22	KIM/EARS	C25VBEP22* 25VCXP22* C25VCXP22*	Direct + Direct + Direct +
25YP22 25YP22/ 25BP22A	NONE None	C23VANP22* 23VATP22* C23VATP22* C25XP22	B ++ B ++ B ++ B ++	25VAJP22 25VAKP22	PPG PPG	C25VABP22* C25VAMP22* C25VAQP22* 25VCNP22* C25VCNP22*	Direct Direct B + B + B +
25ZP22	PPG	C23VALP22* C23VANP22* C23VAQP22* 23VATP22* C23VATP22*	Direct Direct, B + B + Direct Direct	25VALP22 25VAMP22	PPG PPG	C25VABP22* 25VAMP22 C25VAMP22* 25VAQP22* 25VCNP22* C25VCNP22*	Direct Direct Direct B + B + B +
				25VAQP22	KIM	C25VAQP22* C25VCNP22* C25VCNP22*	Direct Direct Direct
				25VATP22	PPG	C25VABP22* C25VAEP22* 25VAMP22 C25VAMP22* C25VAQP22* 25VCNP22* C25VCNP22*	Direct Direct Direct Direct B + B + B +
				25VAUP22	PPG	C25VABP22* 25VAMP22 C25VAMP22* C25VAQP22* 25VCNP22* C25VCNP22*	Direct Direct Direct B + B + B +

IMPORTANT NOTE: The CRT's in this column have equal or better X-ray safety characteristics than the CRT's specified by the set manufacturer. Therefore, while the replacement as indicated in this chart is recommended in order to provide the maximum degree of safety, the reverse interpretation of this chart is not permitted and in fact, could result in increased X-radiation emission.

TYPE TO BE REPLACED	IMPLOSION PROTECTION SYSTEM	REPLACE BY ZENITH TYPE (SEE IMPORTANT NOTE)	REPLACE-MENT INFORMATION▶	TYPE TO BE REPLACED	IMPLOSION PROTECTION SYSTEM	REPLACE BY ZENITH TYPE (SEE IMPORTANT NOTE)	REPLACE-MENT INFORMATION▶
25VAWP22 25VAZP22	KIM KIM	C25VAQP22* 25VCNP22* C25VCNP22*	Direct + Direct + Direct +	25VBZP22 25VCBP22	KIM KIM	C25VAQP22* C25VCNP22* C25VCNP22*	Direct + Direct + Direct +
25VBAP22	PPG	C25VABP22* C25VAEP22* 25VAMP22 C25VAMP22* C25VAQP22* 25VCNP22* C25VCNP22*	Direct Direct Direct Direct B + B + B +	25VCDP22	KIM/EARS	C25VBEP22* 25VXCP22* C25VCXP22*	Direct + Direct + Direct +
25VBEP22	KIM/EARS	C25VBEP22* C25VCXP22 C25VCXP22*	Direct + Direct + Direct +	25VCEP22 25VCFP22	KIM KIM	C25VAQP22* C25VCNP22* C25VCNP22*	Direct + Direct + Direct +
25VBGP22	KIM	C25VAQP22 25VCNP22* C25VCNP22*	Direct + Direct + Direct +	25VCGP22	PPG	C25VABP22* 25VAMP22 C25VAMP22* C25VAQP22* 25VCNP22* C25VCNP22*	Direct Direct Direct B + B + B +
25VBHP22	PPG	C25VABP22* C25VAEP22* 25VAMP22 C25VAMP22* C25VAQP22* 25VCNP22* C25VCNP22*	Direct Direct Direct Direct B + B + B +	25VCHP22	KIM	25VAQP22* 25VCNP22* C25VCNP22*	Direct + Direct + Direct +
25VBKP22	KIM/EARS	C25VBEP22* 25VXCP22* C25VCXP22*	Direct + Direct + Direct +	25VCKP22	PPG	C25VABP22* 25AMP22* C25VAMP22* C25VAQP22* 25VCNP22* C25VCNP22*	Direct Direct Direct Direct B + B +
25VBLP22	PPG	C25VABP22* C25VAEP22* 25VAMP22 C25VAMP22* C25VAQP22* 25VCNP22* C25VCNP22*	Direct Direct Direct Direct B + B + B +	25VCMP22	KIM/EARS	C25VBEP22* 25VXCP22* C25VCXP22*	Direct + Direct + Direct +
25VBMP22	PPG	C25VABP22* 25VAMP22 C25VAMP22* C25VAQP22* 25VCNP22* C25VCNP22*	Direct Direct Direct B + B + B +	25VCNP22 25VCQP22 25VCRP22	KIM KIM KIM	25VCNP22* C25VCNP22*	Direct + Direct +
25VBNP22 25VBRP22	KIM KIM	25VAQP22* 25VCNP22* C25VCNP22*	Direct + Direct + Direct +	25VCTP22	KIM/EARS	25VXCP22* C25VCXP22*	Direct + Direct +
25VBTP22	KIM/EARS	C25VBEP22* 25VXCP22* C25VCXP22*	Direct + Direct + Direct +	25VCUP22 25VCWP22	KIM KIM	25VCNP22* C25VCNP22*	Direct + Direct +
25VBUP22 25VBWP22	KIM KIM	C25VAQP22* 25VCNP22* C25VCNP22*	Direct + Direct + Direct +	25VCXP22	KIM/EARS	25VXCP22 25VXCP22* C25VCXP22*	Direct + Direct +
25VBXP22	PPG	C25VABP22* 25VAMP22 C25VAQP22* 25VCNP22* C25VCNP22*	Direct Direct B + B + B +	25VCYP22 25VCZP22	KIM KIM	25VCNP22* C25VCNP22*	Direct + Direct +
25VBYP22	KIM/EARS	C25VBEP22* 25VXCP22* C25VCXP22*	Direct Direct + Direct +	25VDAP22	PPG	25VCNP22* C25VCNP22*	B ++ B ++
				25VDBP22 25VDCP22	KIM KIM	25VCNP22* C25VCNP22*	Direct + Direct +
				25VDEP22	PPG	25VCNP22* C25VCNP22*	B ++ B ++
				25VDFP22	KIM/EARS	C25VXCP22* C25VCXP22*	Direct + Direct +
				25VDJP22	PPG	C25VAMP22* C25VAMP22* C25VAQP22* 25VCNP22* C25VCNP22*	Direct Direct B + B + B +
				25VDKP22	PPG	25VCNP22* C25VCNP22*	B ++ B ++

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TYPE TO BE REPLACED	IMPLOSION PROTECTION SYSTEM	REPLACE BY ZENITH TYPE (SEE IMPORTANT NOTE)	REPLACE-MENT INFORMATION ►	TYPE TO BE REPLACED	IMPLOSION PROTECTION SYSTEM	REPLACE BY ZENITH TYPE (SEE IMPORTANT NOTE)	REPLACE-MENT INFORMATION ►
25VDMP22	KIM	25VCNP22*	Direct +	25VEUP22	KIM/EARS	25VEUP22*	Direct +
25VDNP22	KIM	C25VCNP22*	Direct +			C25VEUP22	Direct +
25VDSP22	KIM			25VFCP22	KIM	25VFCP22*	Direct +
25VDWP22	T-Band	25VDWP22	Direct			C25VFCP22	Direct +
		C25VDWP22*	Direct +	26AP22	PPG	25VAMP22*	Direct
		25VERP22*	Direct +			25VCNP22*	B ++
		C25VERP22*	Direct +			C25VCNP22*	B ++
25VDXP22	PPG	25VCNP22*	B ++	26DP22	KIM	25VCNP22*	Direct +
		C25VCNP22*	B ++			C25VCNP22*	Direct +
25VEBP22	KIM	25VCNP22*	Direct +	26FP22	PPG	C25VAMP22	B ++
		C25VCNP22*	Direct +			25VCNP22*	B ++
25VECP22	KIM/EARS	25VCXP22*	Direct +			C25VCNP22*	
		C25VCXP22*	Direct +	26GP22	KIM	25VCNP22*	Direct +
25VEDP22	KIM	25VCNP22*	Direct +			C25VCNP22*	Direct +
		C25VCNP22*	Direct +	26KP22	PPG	25VAMP22	Direct
25VERP22	T-Band	25VERP22*	Direct +			C25VAMP22*	B ++
		C25VERP22*	Direct +			25VCNP22*	B ++
25VETP22	KIM	25VETP22*	Direct +			C25VCNP22*	B ++
		C25VETP22*	Direct +				

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COLOR TUBE REPLACEMENT INFORMATION

Important Instructions, Read Carefully

1. Replacement information supplied in this chart is based primarily on electrical and mechanical similarity of the picture tube types covered. The serviceman should make certain that replacement is in accord with all safety precautions required by the TV receiver for picture tube insulation or mechanical mounting.
2. In the case of a similar type, its basing arrangement is the same as that of the type to be replaced, but its listed differences must be considered in using it as a replacement.
3. When a glass picture tube has an external conductive coating, this coating, in combination with the internal conductive coating, provides a capacitor for use in filtering the high voltage power supply. When installing a replacement picture tube having an external conductive coating, provision should be made to ground the coating. Connection to the coating may be made by using a soft brush-type contact, with a contact area of at least 1/4 square inch.

IMPLOSION PROTECTION

NONE	— None	RIM	— Filled Rim
KIM	— Kimcode	TB	— T-Band
PPG	— Pittsburgh Plate Glass Laminated Panel		

Replacement Classification Keys

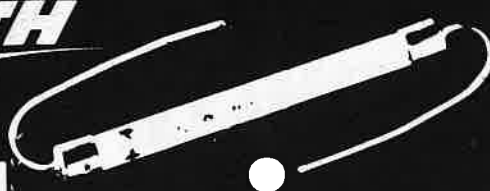
The type to be replaced may have a manufacturer's coding prefix such as AN, C, CR, H, HR, OC, RE, REA, etc. Since these prefixes do not affect the electrical characteristics of interchangeability of the type, the prefixes have been omitted from type nos. in the column.

- Replacement information is based primarily on electrical and mechanical similarity of the picture tube types covered. The technician should make certain that replacement is in accord with all safety precautions required by the TV receiver for picture tube insulation or mechanical mounting.
- * Contains improved X-radiation glass which enables it to comply with Federal Performance Standard for Television Receivers.
- ++ The safety-glass window in the TV receiver may be removed when using this type as a replacement.
- + Band around periphery of tube panel must be grounded and isolated from the ac line voltage.
- A. Type does not require an external ion-trap magnet.
- B. The replacement type is electrically interchangeable — Mounting hardware may have to be modified to accept the replacement type.
- C. Neck length and/or overall length of type is slightly greater.
- D. External conductive coating must be grounded.
- E. The replacement type is electrically interchangeable — Mechanical modifications to the receiver may be required.
- F. The replacement type has a 6.3-volt/600-milliampere heater. The receiver picture tube heater circuit must be modified to use this replacement type.
- G. Use Conversion Kit Part No. 1U68674A10 when using this type as a replacement.
- J. The replacement is directly interchangeable in most cases; however, in some cases the red cathode lead may have to be interchanged with the blue or green cathode leads to obtain satisfactory black-and-white tracking.
- K. Pin No. 6 (focusing electrode) of the replacement must be connected to Pin No. 11 at the socket. The original tube did not require an external voltage for focus.
- L. The replacement type is electrically interchangeable — Mounting hardware may have to be modified to accept the replacement type. In some small cabinet receivers, the replacement may not be feasible.

This guide is based on industry registered picture tube data, industry registered bulb data and manufacturer's published data. Information contained herein has been carefully checked and is believed to be reliable but no responsibility is assumed for possible inaccuracies.

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