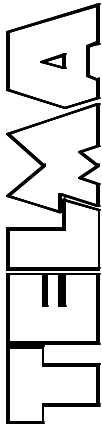


TIL34011

February 6, 1996

TELMA RETARDER, INC.  
 1521 Morse Ave, Elk Grove, IL60007  
 Tel: (847) 593-1098 • Fax: (847) 593-3592



## Retarder Wiring Chart

ALL WIRE SIZES ARE IN AMERICAN WIRE GAUGE (AWG)  
 Conductor = Flexible, Class 5 Conductor, Conforming to IEC Standard # 228  
 Insulation = Conforming to IEC 245.66 and UL62 (ANSI C33.1.1975S)SO Standards

Connection		CC40/50 LAD	CE35	CC65/80/100/125 Focal 90/101	F130/F141 F151/F170/F191 F2000	CC135/160/200/250 F2200	CA121 CC270/300 F2400
12 & 24 Volt Control Wires	<b>Electronic Speed Switch</b> Terminals 11 & 13 to Mini-Generator	16 or 18	16 or 18	16 or 18	16 or 18	16 or 18	16 or 18
	<b>Electronic Speed Switch</b> Terminals 2-3-5-6 to air foot control Terminal 14 to mechanical foot control or hand control Terminal 4 to vehicle's chassis ground Terminal 1 to ignition switch	16	16	16	16	16	16
	<b>Contactactor Box</b> Terminals 1-2-3-4 E to hand control/foot control Terminals I, II, III, IV to dashboard lights Terminal S to stop lights relay	16	16	16	16	16	16
12 Volt	<b>Contactactor Box</b> Terminals I, II, III, IV to retarder's connecting block* Terminal "M" to vehicle's chassis ground*	10	8	8	6	6	4
	<b>Contactactor Box</b> Terminal "+" to positive side of operating system batteries* <b>Retarder</b> Stator ground post to vehicle's chassis ground*	6	2	2	1/0	2/0	2/0

24 Volt	<b>Contactactor Box</b> Terminal I, II, III, IV to retarder's connecting block* Terminal "M" to vehicle's chassis ground*	N/A	10	10	8	8	8
	<b>Contactactor Box</b> Terminal "+" to positive side of operating system batteries* <b>Retarder</b> Stator ground post to vehicle's chassis ground*	N/A	6	4	2	2	1/0

\* For maximum lengths of 10 ft. only (for longer cable lengths, please consult with our Technical Department)

This document is the exclusive property of TELMA RETARDER INC. It cannot be copied, modified, forwarded, or given to any third party without prior agreement from TELMA RETARDER INC. Any infringement will immediately involve legal action.