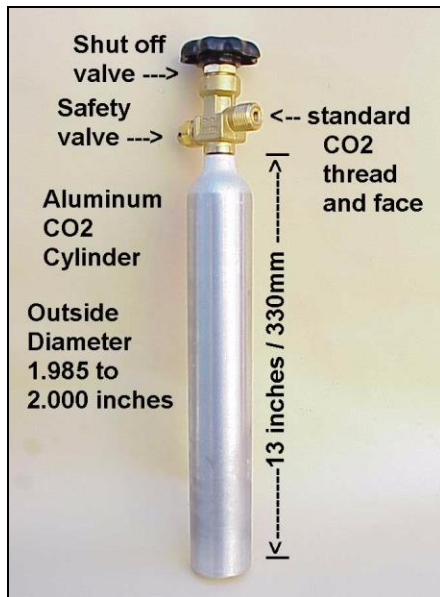


## CO2 bottles, Clamps and Pressure Regulators

Small CO2 Bottle 2" OD RDD  
PN 84105-20000 \$ 225.00+

Large CO2 Bottle 4 3/8" OD  
PN 84105-43750 RDD \$ 315.00+



### CO2 Regulator

Includes adapter nut and nipple for connection to CO2 bottle. Pressure preset to LENCO operating pressure of 145 psi

PN 53583-00145  
List Price \$ 245.00 +  
RDD \$ 215.00 +



## Bottle Bracket 2"

CO2 bottle - Flat Back Mount Part Number 84090-20001  
List Price \$89.00 + Racer Decal Discount Price \$ 70.00 +



## Bottle Bracket 4 3/8"

PN 84090-43752 List Price \$ 110.00+ RDD \$ 90.00+



## Weld on Bracket for 4 3/8" Bottle Bracket

PN 84090-43750 List Price \$ 65.00+ RDD \$ 55.00+



## CO2 Transmission Shift Kits













2 speed Lenco type air shift kit – CO2 (less lines) PN 84350-00200	List \$ 695.00+	RDD \$ 595.00+
3 speed Lenco type air shift kit – CO2 (less lines) PN 84350-00300	List \$1015.00+	RDD \$1015.00+
4 speed Lenco type air shift kit – CO2 (less lines) PN 94350-00400	List \$1535.00+	RDD \$1435.00+
5 speed Lenco type air shift kit – CO2 (less lines) PN 94350-00500	List \$1955.00+	RDD \$1855.00+

CO2/Air shift quick disconnect line kit 2 speed PN 84350-00210	List \$ 95.00+	RDD \$ 75.00+
CO2/Air shift quick disconnect line kit 3 speed. PN 84350-00310	List \$105.00+	RDD \$ 95.00+
CO2/Air shift quick disconnect line kit 4 speed PN 84350-00410	List \$115.00+	RDD \$ 105.00+
CO2/Air shift quick disconnect line kit 5 speed PN 84350-00510	List \$135.00+	RDD \$ 115.00+

## Push Lock Fittings and Hose (rated for 145psi)






Simply cut the hose to length and push in to install, to remove, depress the lock collar and pull out. CO2 or compressed air rated

Hose and Fittings 4mm				
Description	Photo of product	KLRC PN	List Price	Racer Decal Discount Price
Male Connector 4mm x 1/8" BSP Male		84656-40801	\$ 9.28	Ea \$ 8.35 Qty 5 \$34.80
Male Connector 4mm x 1/4" BSP Male		84656-40802	\$10.68	Ea \$ 9.61 Qty 5 \$ 40.05
Male Elbow 4mm x 1/8" BSP Male		84656-41201	\$ 9.28	Ea \$ 7.89 Qty 3 \$ 20.88
Male Elbow 4mm x 1/4" BSP Male		84656-41202	\$ 9.28	Ea \$ 7.89 Qty 3 \$ 20.88
Female Elbow 4mm x 1/8" BSP Female		84656-40601	\$ 17.44	Ea \$ 14.82 Qty 3 \$ 39.24
Female Elbow 4mm x 1/4" BSP Female		84656-40602	\$ 18.56	Ea \$ 15.78 Qty 3 \$ 41.76
Male Run Tee 4mm x 4mm x 1/8" BSP Male		84656-42401	\$ 18.32	Ea \$ 15.57 Qty 3 \$ 41.22
Male Run Tee 4mm x 4mm x 1/4" BSP Male		84656-42402	\$ 18.32	Ea \$ 15.57 Qty 3 \$ 41.22
Branch Tee 4mm x 4mm x 1/8" BSP Male		84656-42001	\$ 18.32	Ea \$ 15.57 Qty 3 \$ 41.22
Branch Tee 4mm x 4mm x 1/4" BSP Male		84656-42002	\$ 18.32	Ea \$ 15.57 Qty 3 \$ 41.22

Description	Photo of product	KLRC PN	List Price	Racer Decal Discount Price
Plug 4mm		84656-41600	\$ 4.20	Ea \$ 3.57 Qty 3 \$ 9.45
Tube Cap 4mm		84656-40300	\$ 5.48	Ea \$ 4.66 Qty 3 \$ 12.33
Bulkhead Union Connects 4mm x 4mm hose		84656-40500	\$40.72	Ea \$ 38.68 Qty 3 \$103.83
Straight Union Connects 4mm x 4mm hose		84656-40401	\$ 14.50	Ea \$ 12.50 Qty 3 \$ 30.00
Bulkhead Connector 4mm x 1/8" BSP		84656-40501	\$ 23.92	Ea \$ 20.33 Qty 3 \$ 53.82
Hose-Poly 4mm Black		84656-40001 per meter	\$3.50 per meter	\$2.50 per meter
Hose-Poly 4mm Blue		84656-40002 per meter	\$3.50 per meter	\$2.50 per meter
Hose-Poly 4mm Red		84656-40003 per meter	\$3.50 per meter	\$2.50 per meter
Hose-Poly 4mm Yellow		84656-40004 per meter	\$3.50 per meter	\$2.50 per meter
Hose-Poly 4mm Green		84656-40005 per meter	\$3.50 per meter	\$2.50 per meter
Hose-Poly 4mm Neutral		84656-40006 per meter	\$3.50 per meter	\$2.50 per meter

# Hose and Fittings 6mm

Description	Photo of product	KLRC PN	List Price	Racer Decal Discount Price
Male Connector 6mm x 1/8" BSP Male		84656-60801	\$ 10.68	Ea \$ 9.61 Qty 5 \$ 40.05
Male Connector 6mm x 1/4" BSP Male		84656-60802	\$ 10.68	Ea \$ 9.61 Qty 5 \$ 40.05
Male Elbow 6mm x 1/8" BSP Male		84656-61201	\$17.68	Ea \$ 15.03 Qty 3 \$ 39.78
Male Elbow 6mm x 1/4" BSP Male		84656-61202	\$ 19.20	Ea \$ 16.32 Qty 3 \$ 43.20
Female Elbow 6mm x 1/8" BSP Female		84656-60601	\$ 17.68	Ea \$ 15.03 Qty 3 \$ 39.78
Female Elbow 6mm x 1/4" BSP Female		84656-60602	\$ 19.20	Ea \$ 16.32 Qty 3 \$ 43.20
Male Run Tee 6mm x 6mm x 1/8" BSP Male		84656-62401	\$ 18.32	Ea \$ 15.57 Qty 3 \$ 41.22
Male Run Tee 6mm x 6mm x 1/4" BSP Male		84656-62402	\$ 18.32	Ea \$ 15.57 Qty 3 \$ 41.22
Branch Tee 6mm x 6mm x 1/8" BSP Male		84656-62001	\$ 18.32	Ea \$ 15.57 Qty 3 \$ 41.22
Branch Tee 6mm x 6mm x 1/4" BSP Male		84656-62002	\$ 18.32	Ea \$ 15.57 Qty 3 \$ 41.22
Plug 6mm		84656-61600	\$ 6.36	Ea \$ 5.41 Qty 3 \$ 14.31

Description	Photo of product	KLRC PN	List Price Each	Racer Decal Discount Price
Tube Cap 6mm		84656-60300	\$ 6.36	Ea \$ 5.41 Qty 3 \$ 14.31
Bulkhead Union Connects 6mm x 6mm hose		84656-60600	\$43.36	Ea \$ 39.02 Qty 3 \$97.56
Straight Union Connects 6mm x 6mm hose		84656-60601	\$ 14.50	Ea \$ 12.50 Qty 3 \$ 30.00
Bulkhead Connector 6mm x 1/8" BSP		84656-60601	\$ 23.92	Ea \$ 20.33 Qty 3 \$ 53.82
Bulkhead Connector 6mm x 1/4" BSP		84656-60602	\$ 23.92	Ea \$ 20.33 Qty 3 \$ 53.82
Hose-Poly 6mm Black		84656-60001 per meter	\$3.50 per meter	\$2.50 per meter
Hose-Poly 6mm Blue		84656-60002 per meter	\$3.50 per meter	\$2.50 per meter
Hose-Poly 6mm Red		84656-60003 per meter	\$3.50 per meter	\$2.50 per meter
Hose-Poly 6mm Yellow		84656-60004 per meter	\$3.50 per meter	\$2.50 per meter
Hose-Poly 6mm Green		84656-60005 per meter	\$3.50 per meter	\$2.50 per meter
Hose-Poly 6mm Neutral		84656-60006 per meter	\$3.50 per meter	\$2.50 per meter

Recommend the use of 6mm hose for all LENCO shift lines, Start Line Control and shift lines. Do not use this product with B&J shift applications as it is not rated high enough pressure for the application. All prices are plus GST and shipping.

Make it simple to order, on the next few sheets fill in the quantity needed, scan it and email it to us at [Ken@KenLowe.com.au](mailto:Ken@KenLowe.com.au)

**Special OFFER !! For every order of \$100 worth of fitting you get 10 meters of hose FREE and you can select any color hose you want and in any combination of lengths.**



**Simple to use order sheet** – Remove pages 7 through 14 and fill out the top of page 7 with your name and address and credit card details then fill in the quantities needed, scan and email it to Ken@KenLowe.com.au please print clearly. Keep the first three pages as a catalogue for future references.

Name \_\_\_\_\_ Date \_\_\_\_\_

Ship to address \_\_\_\_\_ (street or post office box)

City (or suburb) \_\_\_\_\_ State \_\_\_\_\_ Post Code \_\_\_\_\_

Phone number \_\_\_\_\_

Your email address \_\_\_\_\_

Credit Card Details – Number \_\_\_\_\_ \* \_\_\_\_\_ \* \_\_\_\_\_ \*

Expiry Date \_\_\_\_\_ / \_\_\_\_\_ (on the back – the three digit CVV number \_\_\_\_\_)

Signature \_\_\_\_\_

Unless otherwise specified we ship by Australia Post

Preferred method of shipping







\_\_\_\_\_

We usually ship via Australia Post unless otherwise instructed.

# Hose and Fittings 4mm – ORDER FORM







Description	Photo of product	KLRC PN	List Price	Racer Decal Discount Price	Quantity Needed
Male Connector 4mm x 1/8" BSP Male		84656-40801	\$ 9.28	Ea \$ 8.35 Qty 5 \$34.80	
Male Connector 4mm x 1/4" BSP Male		84656-40802	\$10.68	Ea \$ 9.61 Qty 5 \$ 40.05	
Male Elbow 4mm x 1/8" BSP Male		84656-41201	\$ 9.28	Ea \$ 7.89 Qty 3 \$ 20.88	
Male Elbow 4mm x 1/4" BSP Male		84656-41202	\$ 9.28	Ea \$ 7.89 Qty 3 \$ 20.88	
Female Elbow 4mm x 1/8" BSP Female		84656-40601	\$ 17.44	Ea \$ 14.82 Qty 3 \$ 39.24	
Female Elbow 4mm x 1/4" BSP Female		84656-40602	\$ 18.56	Ea \$ 15.78 Qty 3 \$ 41.76	
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Male Run Tee 4mm x 4mm x 1/4" BSP Male		84656-42402	\$ 18.32	Ea \$ 15.57 Qty 3 \$ 41.22	
Branch Tee 4mm x 4mm x 1/8" BSP Male		84656-42001	\$ 18.32	Ea \$ 15.57 Qty 3 \$ 41.22	
Branch Tee 4mm x 4mm x 1/4" BSP Male		84656-42002	\$ 18.32	Ea \$ 15.57 Qty 3 \$ 41.22	
Plug 4mm		84656-41600	\$ 4.20	Ea \$ 3.57 Qty 3 \$ 9.45	



Description	Photo of product	KLRC PN	List Price	Racer Decal Discount Price	Quantity Needed
Tube Cap 4mm		84656-40300	\$ 5.48	Ea \$ 4.66 Qty 3 \$ 12.33	
Bulkhead Union Connects 4mm x 4mm hose		84656-40500	\$40.72	Ea \$ 38.68 Qty 3 \$103.83	
Straight Union Connects 4mm x 4mm hose		84656-40401	\$ 14.50	Ea \$ 12.50 Qty 3 \$ 30.00	
Bulkhead Connector 4mm x 1/8" BSP		84656-40501	\$ 23.92	Ea \$ 20.33 Qty 3 \$ 53.82	
Hose-Poly 4mm Black		84656-40001 per meter	\$3.50 per meter	\$2.50 per meter	
Hose-Poly 4mm Blue		84656-40002 per meter	\$3.50 per meter	\$2.50 per meter	
Hose-Poly 4mm Red		84656-40003 per meter	\$3.50 per meter	\$2.50 per meter	
Hose-Poly 4mm Yellow		84656-40004 per meter	\$3.50 per meter	\$2.50 per meter	
Hose-Poly 4mm Green		84656-40005 per meter	\$3.50 per meter	\$2.50 per meter	
Hose-Poly 4mm Neutral		84656-40006 per meter	\$3.50 per meter	\$2.50 per meter	

# Hose and Fittings 6mm – ORDER FORM

Description	Photo of product	KLRC PN	List Price	Racer Decal Discount Price	Quantity Needed
Male Connector 6mm x 1/8" BSP Male		84656-60801	\$ 10.68	Ea \$ 9.61 Qty 5 \$ 40.05	
Male Connector 6mm x 1/4" BSP Male		84656-60802	\$ 10.68	Ea \$ 9.61 Qty 5 \$ 40.05	
Male Elbow 6mm x 1/8" BSP Male		84656-61201	\$17.68	Ea \$ 15.03 Qty 3 \$ 39.78	
Male Elbow 6mm x 1/4" BSP Male		84656-61202	\$ 19.20	Ea \$ 16.32 Qty 3 \$ 43.20	
Female Elbow 6mm x 1/8" BSP Female		84656-60601	\$ 17.68	Ea \$ 15.03 Qty 3 \$ 39.78	
Female Elbow 6mm x 1/4" BSP Female		84656-60602	\$ 19.20	Ea \$ 16.32 Qty 3 \$ 43.20	
Male Run Tee 6mm x 6mm x 1/8" BSP Male		84656-62401	\$ 18.32	Ea \$ 15.57 Qty 3 \$ 41.22	
Male Run Tee 6mm x 6mm x 1/4" BSP Male		84656-62402	\$ 18.32	Ea \$ 15.57 Qty 3 \$ 41.22	
Branch Tee 6mm x 6mm x 1/8" BSP Male		84656-62001	\$ 18.32	Ea \$ 15.57 Qty 3 \$ 41.22	
Branch Tee 6mm x 6mm x 1/4" BSP Male		84656-62002	\$ 18.32	Ea \$ 15.57 Qty 3 \$ 41.22	

Description	Photo of product	KLRC PN	List Price Each	Racer Decal Discount Price	Quantity Needed
Plug 6mm		84656-61600	\$ 6.36	Ea \$ 5.41 Qty 3 \$ 14.31	
Tube Cap 6mm		84656-60300	\$ 6.36	Ea \$ 5.41 Qty 3 \$ 14.31	
Bulkhead Union Connects 6mm x 6mm hose		84656-60600	\$43.36	Ea \$ 39.02 Qty 3 \$97.56	
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Bulkhead Connector 6mm x 1/8" BSP		84656-60601	\$ 23.92	Ea \$ 20.33 Qty 3 \$ 53.82	
Bulkhead Connector 6mm x 1/4" BSP		84656-60602	\$ 23.92	Ea \$ 20.33 Qty 3 \$ 53.82	
Hose-Poly 6mm Black		84656-60001 per meter	\$3.50 per meter	\$2.50 per meter	
Hose-Poly 6mm Blue		84656-60002 per meter	\$3.50 per meter	\$2.50 per meter	
Hose-Poly 6mm Red		84656-60003 per meter	\$3.50 per meter	\$2.50 per meter	
Hose-Poly 6mm Yellow		84656-60004 per meter	\$3.50 per meter	\$2.50 per meter	
Hose-Poly 6mm Green		84656-60005 per meter	\$3.50 per meter	\$2.50 per meter	
Hose-Poly 6mm Neutral		84656-60006 per meter	\$3.50 per meter	\$2.50 per meter	



## Start Line Control

What does SLC (Start Line Control) do for a racer? The SLC will guarantee the same start line rpm every time. The racer never looks away from the tree, the racer does not get distracted and this helps in cutting better lights and it drastically reduces converter temperature insuring not only that the parts will last longer but the car will be more consistent as the converter temperature will the same every time.

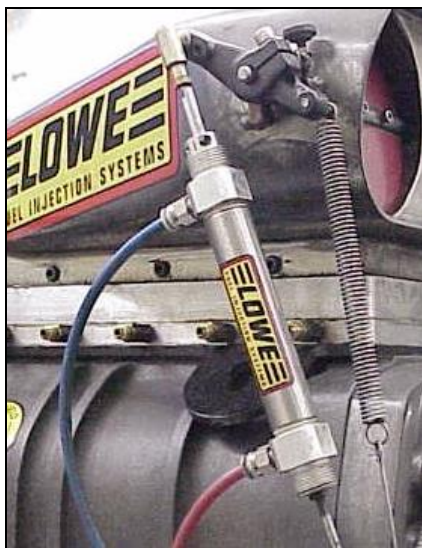
This is a must have for every DY0 racer. The SLC can be configured and used different ways.



### Method 1 is with a delay box.

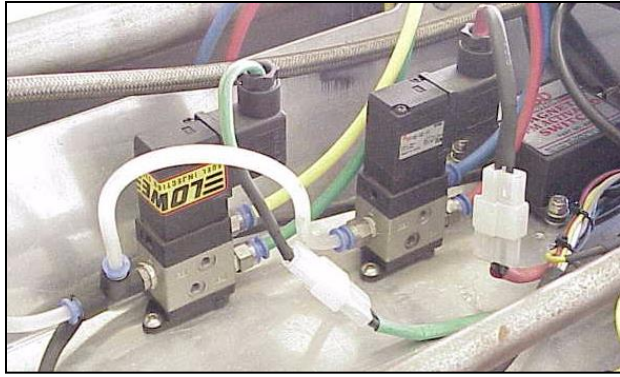
Slowly idle into "stage", once the front wheel breaks the start line beam and lights the stage light you press the transbrake button to set the transbrake and the SLC. The throttle pedal goes to the floor telling the driver that the system is armed, but the engine continues to idle because the butterflies are still closed. Once you release the transbrake button it takes the engine to wide open throttle and then the start line rpm is regulated by the converter or the two step chip in the ignition controller, depending upon how you have your car configured. This insures that the engine stays revved to the same rpm every time for the same amount of time.

### Method 2 is with out a delay box.



Slowly idle into "stage", once the front wheel breaks the start line beam and lights the stage light you press the transbrake button to set the transbrake and the SLC. The throttle pedal goes as far as you have it adjusted for. This is usually 80%-90% of the full travel to the throttle stop under the throttle pedal. This is adjusted before you get to the starting line. The engine continues to idle and will idle until the driver pushes the throttle all the way to the stop. This is done only after both drivers are fully staged. Once the driver pushes the pedal to the stop the engine revs up the amount that you have it adjusted for with the throttle linkage. Now when the driver releases the transbrake button it releases the transbrake and activates the SLC opening the throttle to wide open. The driver never has to look away from the tree to get the stage rpm right. The engine spends the least amount of time at the stage rpm which limits the converter heat.

We built our first SLC in response to a discovery. We had a temperature gauge in the oil pan of our transmission



to monitor the trans temperature but every time we wanted to remove the transmission you had to drain the pan and remove the temperature gauge probe. We made a block to put the temperature probe into and used the oil coming from the converter (bottom port on the Powerglide) to measure the temperature. We were shocked to see how fast the heat rose at stage rpm. We saw almost 100F per second of heat rise. There is no way this could be good for the converter or the consistency of the car. By limiting the time spent at stage rpm it not only made the car more consistent but the driver better as

well as now they never have to look away from the tree and they have confidence that the start line rpm will always be right.

**You can win races without one of these, but you will win *more* races with a **LOWE** Start Line Control unit.**

**Complete kit** (less CO2 bottle and regulator – available separately)

List Price \$ 649.00+

Racer Decal Discount Price – \$599.00+

Cylinder (10-32 thread on body)

Cylinder travel stop – adjustable

Heavy duty quick release cable end with 10-32 thread to suit most injector arms.

Solenoid Valve – dual acting

Hose and Fitting Kit

4 ea - Straight hose ends (quick disconnect)

4 ea - 90 degree hose ends (quick disconnect)

4 meters of 6mm Polyethylene tube Green

4 meters of 6mm Polyethylene tube Black

4 meters of 6mm Polyethylene tube White

All prices are plus gst and shipping if applicable You will need a source of CO2 to operate this system. Either a 2 pound or a 5 pound bottle system will work and the regulator needs to be set at 150 psi. Compressed air could be used but it would have to be recharged before each run.

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## Accessories



Bell crank 90 degree – Allows the linkage to change direction. In some applications this makes a much tidier package. 1.75" arms with ¼" id bearing. Part Number 53065-89331 List 115.00+ Racer Decal Discount \$ 95.00+

Speed controller - If you control the speed of the co2 exhaust from the cylinder as it moves it allows you to slow the opening of the cylinder allowing the car to launch better on a slick starting line Fully adjustable speed controller \$ 38.00+

#### Installation Notes:

The LOWE SLC (Start Line Control) can be installed in a push or pull cable application. In either case you must insure that the throttle pedal has a travel stop as you do not want the rotation stop on the injector or carburetor being the travel stop for the system as you will inflict damage to the injector, carburetor or the linkage if you do not have a pedal travel stop. Since all small diameter controls have many times the strength if you place them in tension versus compression it is highly recommended that your throttle linkage is engineered to put the cable and all the hardware in a tension environment. This means you should have a pull throttle cable and as noted above it should have a pedal stop so the only load the cable, levers or cylinders see are the loads imposed by the throttle return spring.

Not all race cars have the same amount of cable travel to achieve the transition from idle to wide open throttle. Since they can all be different the LOWE SLC launch cylinder has a travel stop provided to assist you in calibrating your system to suit your application. Set the travel stop to the amount of travel needed.

The LOWE SLC launch cylinder has a 10-32 thread provided for those who want to just thread the throttle cable into the bottom of the cylinder as it works well in many situations this way. This is pictured in the photo above. Some clients prefer to put the launch cylinder out by the injector others prefer to put it down by the throttle pedal. Each situation must be engineered to suit your application.

Some clients will make a bracket and run the cable parallel to the cylinder. This will shorten the overall length and it can create a side load situation on the cable.

Each SLC kit comes with a comprehensive installation instructions, with complete wiring, configuration and calibration information.

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**Powerglide CO2 shift kit - Includes actuator cylinder, double acting solenoid and line kit**

**PN 32648-10001**

**List Price 565.00+**

**RDD \$499.00+**