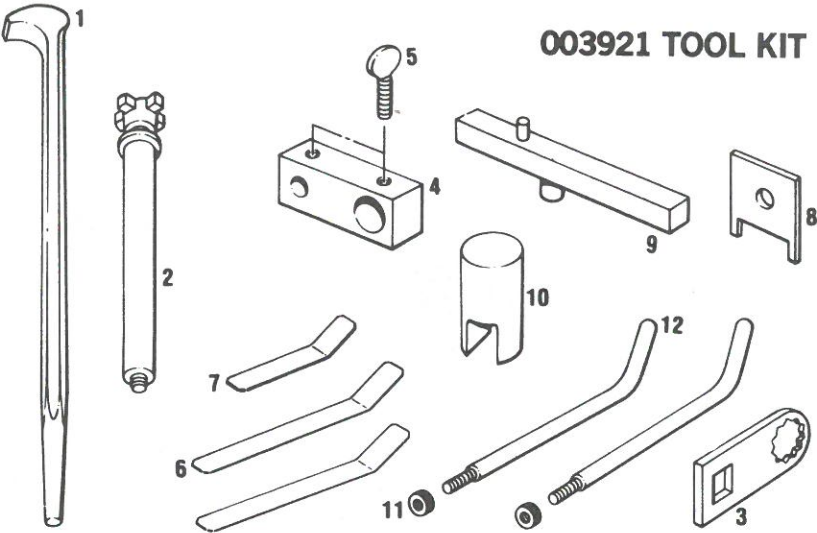


OPTIONAL EQUIPMENT



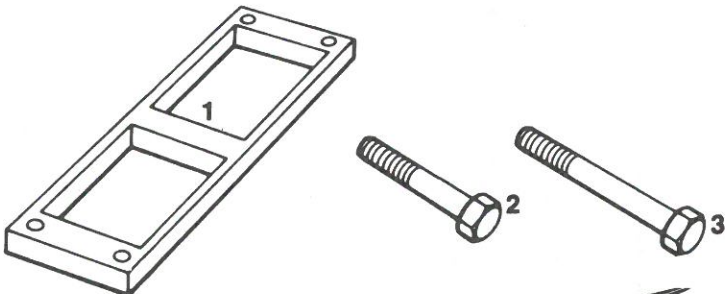
003921 TOOL KIT

003921 TOOL KIT

| Ill. No. | Part No. | Part Name                        | Qty/ Kit |
|----------|----------|----------------------------------|----------|
| 1        | 003917   | Bar — Pry                        | 1        |
| 2        | 003918   | Stud Assembly — Mounting         | 1        |
| 3        | 003840   | Wrench — Adapter                 | 1        |
| 4        | 003915   | Bracket — Dial Indicator Support | 1        |
| 5        | 003910   | Screw — Thumb                    | 2        |
| 6        | 003913   | Gauge — Feeler (.018")           | 2        |
| 7        | 003912   | Gauge — Feeler (.027")           | 1        |
| 8        | 002716   | Wrench — Solenoid Valve          | 1        |
| 9        | 003931   | Plate Assembly — Support         | 1        |
| 10       | 003453   | Assembly Tool — Slave Piston     | 1        |
| 11       | 003914   | Nut — Knurled                    | 2        |
| 12       | 003911   | Stem — Dial Indicator            | 2        |
| N.I.     | 003920   | Card — Instruction               | 1        |
| N.I.     | 003932   | Box — Metal                      | 1        |

012417 SPACER GROUP  
(KT-450 & KTC-450 Only)

| Ill. No. | Part No. | Part Name           | Qty/ Group |
|----------|----------|---------------------|------------|
| 1        | 009604   | Spacer — Air Intake | 2          |
| 2        | 010449   | Bolt — Hex Head     | 4          |
| 3        | 010450   | Bolt — Hex Head     | 1          |



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Bloomfield, CT 06002 U.S.A.

Parts Manual for

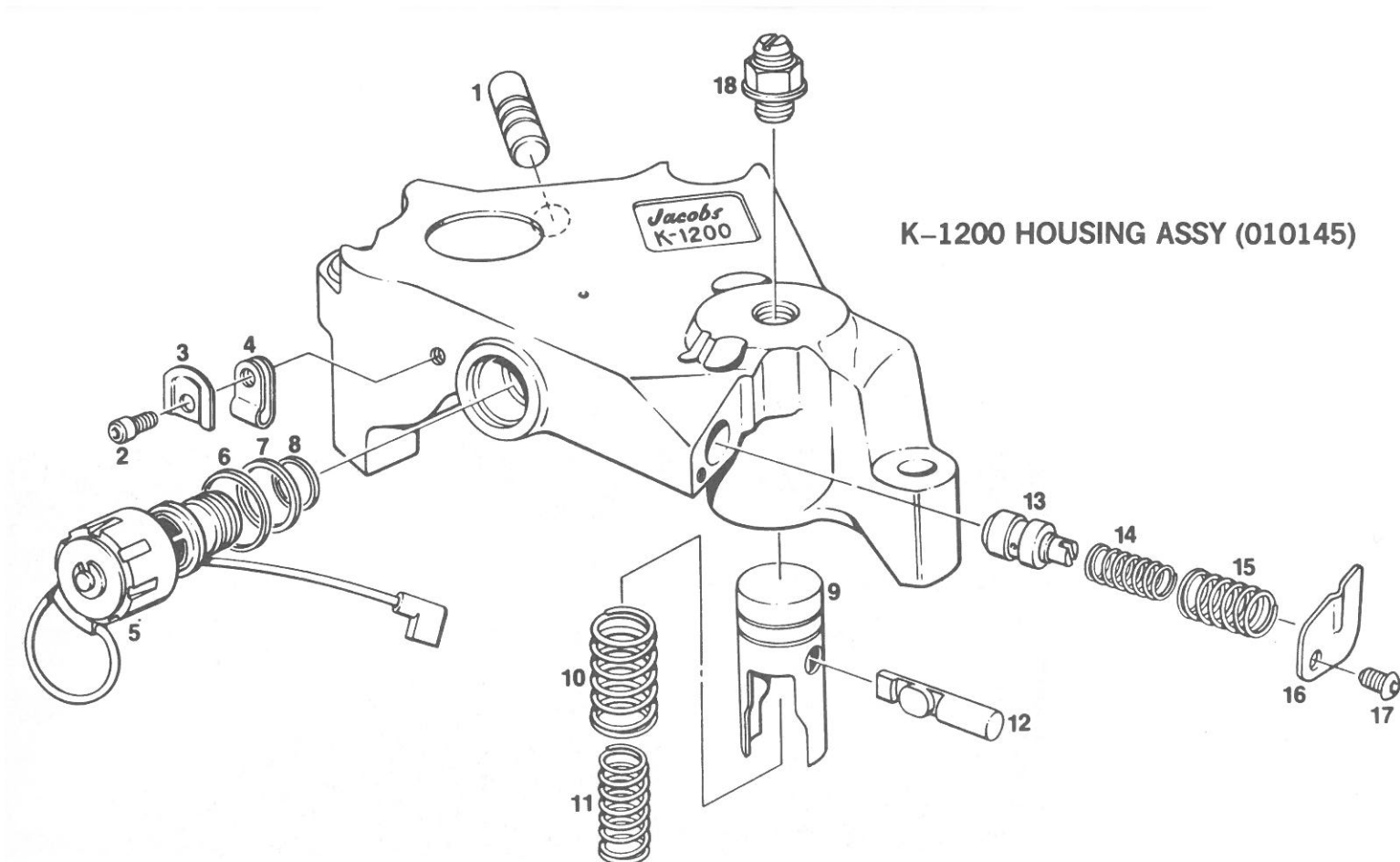


Model K-1200

- THE MODEL K-1200 JACOBS ENGINE BRAKE IS DESIGNED FOR USE ON THE FOLLOWING CUMMINS ENGINE MODELS:  
KT-450, KTC-450, KTA-600, KTA-525 PTD
- THE MODEL K-1200 SUPERSEDES THE FORMER MODELS K-200 AND K-1150 ENGINE BRAKES. THE JACOBS PARTS LIST, FORM NO. 1439, COVERS THE FORMER MODELS.



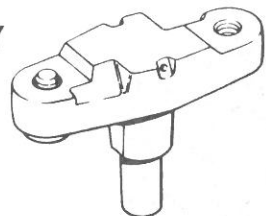
The Jacobs Manufacturing Company  
Vehicle Equipment Division  
Bloomfield, CT 06002 U.S.A.



### K-1200 HOUSING ASSY (010145)

| Ill. No. | Part No. | Part Name                         | Qty/Assem. |
|----------|----------|-----------------------------------|------------|
| 1        | 003598   | Piston — Master                   | 1          |
| 2        | 001722   | Capscrew — Hex Socket Head        | 1          |
| 3        | 001508   | "D" Washer                        | 1          |
| 4        | 002408   | Clamp — Solenoid Lead Wire        | 1          |
| 5        | 003784   | Valve Assembly — Solenoid         | 1          |
| 6        | 001081   | Seal — Ring (Upper)               | 1          |
| 7        | 001082   | Seal — Ring (Center)              | 1          |
| 8        | 001083   | Seal — Ring (Lower)               | 1          |
| 9        | 009761   | Piston — Slave                    | 1          |
| 10       | 003408   | Spring — Slave Piston (Outer)     | 1          |
| 11       | 003409   | Spring — Slave Piston (Inner)     | 1          |
| 12       | 003416   | Pin — Spring Retainer             | 1          |
| 13       | 007505   | Spool Assembly (Control Valve)    | 1          |
| 14       | 007500   | Spring — Inner (Control Valve)    | 1          |
| 15       | 001519   | Spring — Outer (Control Valve)    | 1          |
| 16       | 003417   | Cover — Control Valve             | 1          |
| 17       | 003411   | Capscrew — Hex Socket Button Head | 1          |
| 18       | 010249   | AUTO-LASH™ Assy                   | 1          |

### 010147 CROSSHEAD ASSY (6 Required Per Kit)



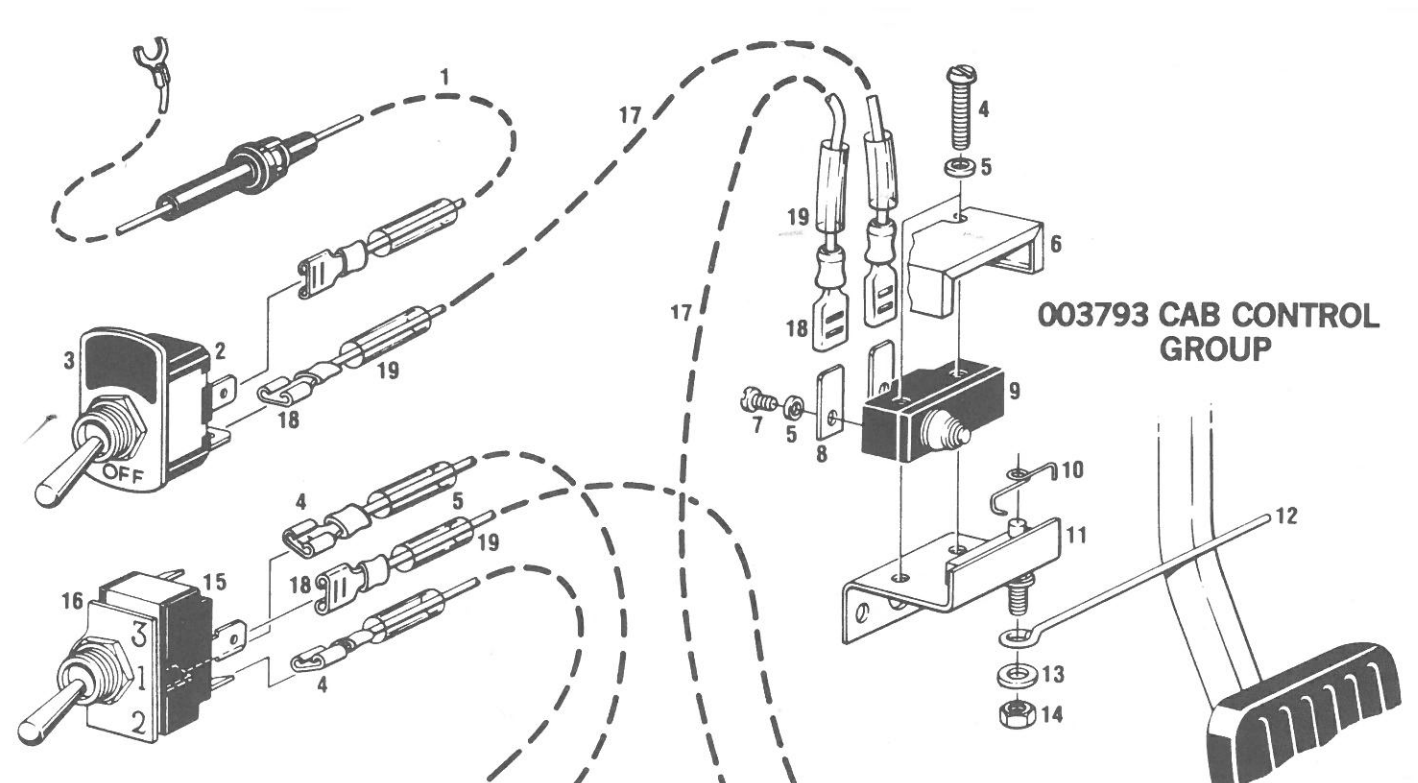
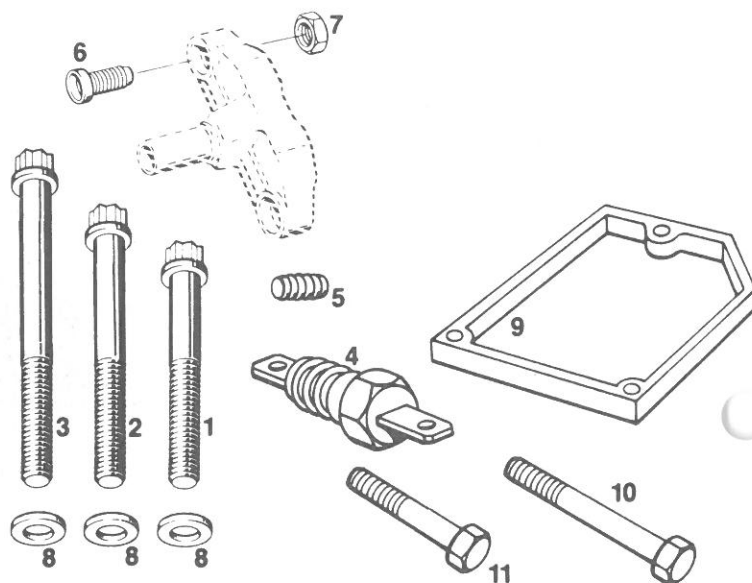
### 010459 GASKET GROUP (One Group Required Per Engine)

| Ill. No. | Part No. | Part Name                     | Qty/Group |
|----------|----------|-------------------------------|-----------|
| N.I.     | 3799     | Gasket — Air Crossover        | 1         |
| N.I.     | 3800     | Gasket — Rocker Housing Cover | 12        |

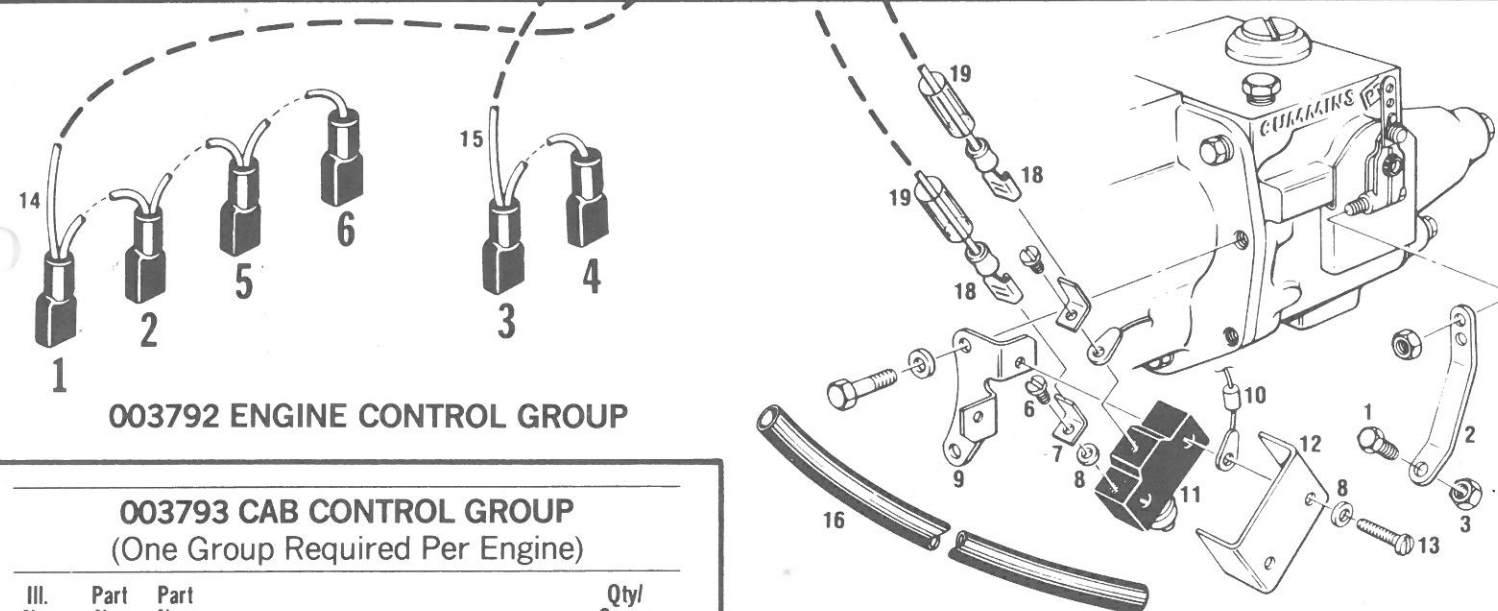
### K-1200 HOUSING ASSY (010145)

### 010454 ATTACHING PARTS GROUP (One Group Required Per Engine)

| Ill. No. | Part No. | Part Name                     | Qty/Group |
|----------|----------|-------------------------------|-----------|
| 1        | 003442   | Capscrew (12 pt. head) 3-3/4" | 6         |
| 2        | 003443   | Capscrew (12 pt. head) 5-1/8" | 6         |
| 3        | 003444   | Capscrew (12 pt. head) 6-3/8" | 6         |
| 4        | 002299   | Terminal Assembly — Leadout   | 6         |
| 5        | 003798   | Plug — Rocker Shaft           | 6         |
| 6        | 003418   | Screw — Crosshead Adjusting   | 6         |
| 7        | 003720   | Nut — hex Jam                 | 6         |
| 8        | 005626   | Washer — Flat                 | 18        |
| 9        | 009602   | Cover Spacer                  | 6         |
| 10       | 010458   | Bolt — Hex — 5"               | 12        |
| 11       | 010451   | Bolt — Hex — 2-1/2"           | 6         |



### 003793 CAB CONTROL GROUP



### 003792 ENGINE CONTROL GROUP

### 003793 CAB CONTROL GROUP (One Group Required Per Engine)

| Ill. No. | Part No. | Part Name                      | Qty/Group |
|----------|----------|--------------------------------|-----------|
| 1        | 001300   | Harness                        | 1         |
| 2        | 001304   | Switch — Toggle                | 1         |
| 3        | 001305   | Plate — Switch                 | 1         |
| 4        | 001244   | • Screw — Tapping              | 2         |
| 5        | 001559   | • Washer — Lock                | 4         |
| 6        | 001506   | • Cover — Switch               | 1         |
| 7        | 001558   | • Screw — Binder Head          | 2         |
| 8        | 001040   | • Terminal                     | 2         |
| 9        | 001218   | • Switch                       | 1         |
| 10       | 001497   | • Spring Actuating Lever       | 1         |
| 11       | 002198   | • Bracket and Lever Assy       | 1         |
| 12       | 002183   | • Rod — Switch Actuating       | 1         |
| 13       | 002190   | • Washer — Flat                | 1         |
| 14       | 002186   | • Nut — Hex                    | 1         |
| 15       | 002970   | Switch Assembly — Dash         | 1         |
| 16       | 002957   | • Switch — Toggle (3-Position) | 1         |
| 17       | 002959   | • Plate — Switch               | 1         |
| 18       | 003781   | Harness — Wire                 | 1         |
| N.I.     | 006833   | Tie — Cable                    | 12        |
| 19       | 003278   | Receptacle                     | 6         |
| 19       | 003707   | Tube — Shrink                  | 6         |
| N.I.     | 006879   | Wiring Diagram                 | 1         |

### 003792 ENGINE CONTROL GROUP (One Group Required Per Engine)

| Ill. No. | Part No. | Part Name                | Qty/Group |
|----------|----------|--------------------------|-----------|
| 1        | 001182   | Screw — Hex Head         | 1         |
| 2        | 001179   | Arm — Switch Actuator    | 1         |
| 3        | 001181   | Nut — Hex                | 1         |
| 4        | 002014   | Receptacle               | 2         |
| 5        | 003708   | Tube — Shrink            | 2         |
| 6        | 0001558  | • Screw — Binder Head    | 2         |
| 7        | 001512   | • Terminal               | 2         |
| 8        | 001559   | • Washer — Lock          | 2         |
| 9        | 001178   | • Bracket — Switch Mount | 1         |
| 10       | 001534   | • Diode                  | 1         |
| 11       | 001218   | • Switch                 | 1         |
| 12       | 001180   | • Cover — Switch         | 1         |
| 13       | 001244   | • Screw — Tapping        | 2         |
| 14       | 006550   | Harness                  | 1         |
| 15       | 005801   | Harness                  | 1         |
| 16       | 003778   | Loom — Auto              | 1         |