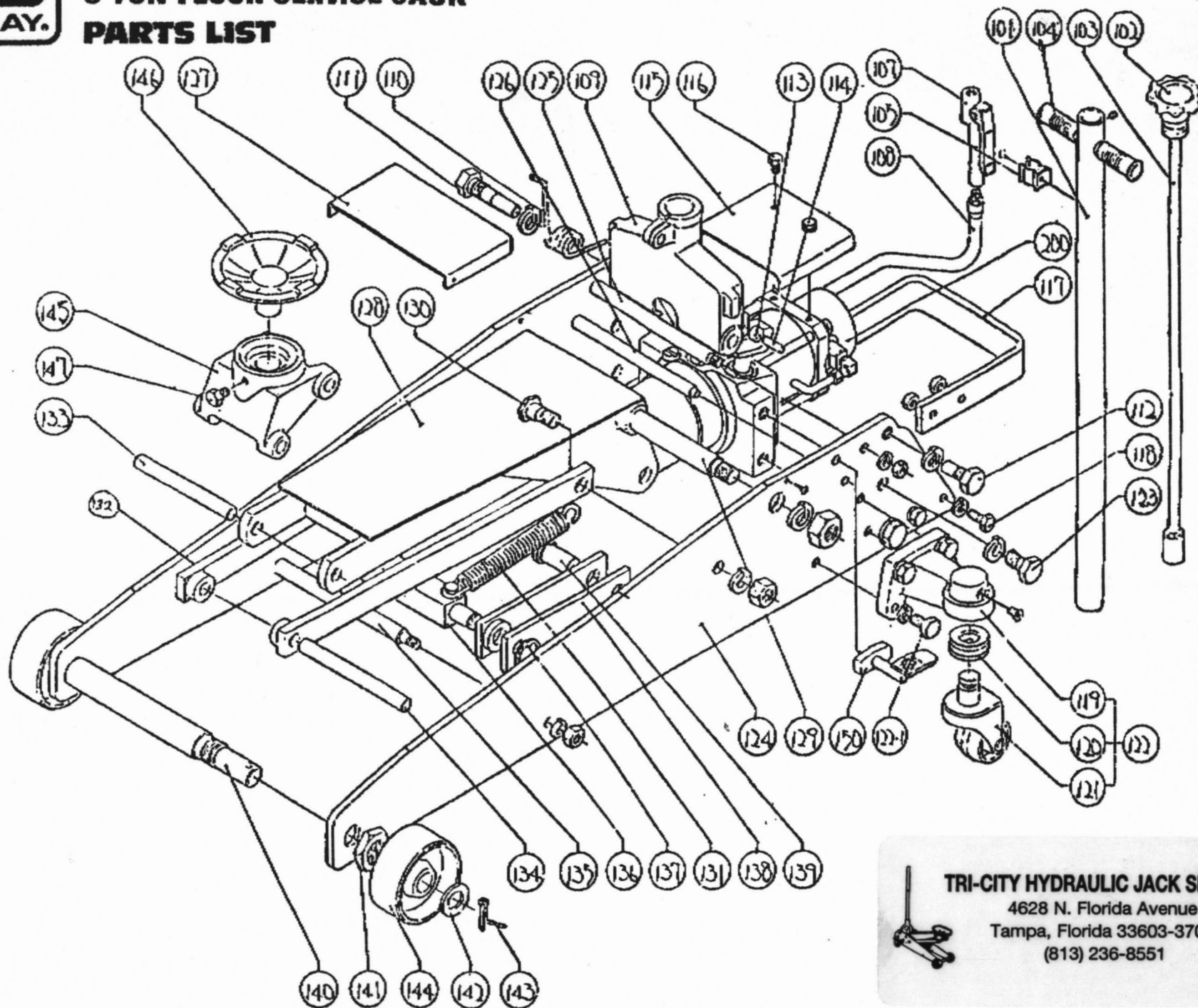




# GRAY'S FSJ-3

3 TON FLOOR SERVICE JACK

## PARTS LIST



### TRI-CITY HYDRAULIC JACK SERVICE

4628 N. Florida Avenue  
Tampa, Florida 33603-3700  
(813) 236-8551

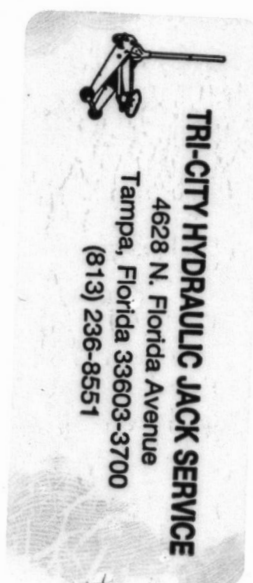


# GRAY'S FSJ-3

## 3 TON FLOOR SERVICE JACK

### PARTS LIST

| Part No. | Description          | Qty. |
|----------|----------------------|------|
| 101      | Handle               | 1    |
| 102      | Knob                 | 1    |
| 103      | Joint Shaft          | 1    |
| 104      | Handle Grips         | 2    |
| 105      | Clip                 | 1    |
| 107      | Air Operating Valve  | 1    |
| 108      | Air Hose             | 1    |
| 109      | Handle Case          | 1    |
| 110      | Handle Case Spring   | 1    |
| 111      | Handle Pin (L)       | 1    |
| 112      | Handle Pin (S)       | 1    |
| 113      | Handle Case Bushing  | 1    |
| 114      | Handle Case Pin      | 1    |
| 115      | Cylinder Cover       | 1    |
| 116      | Cylinder Cover Bolt  | 2    |
| 117      | Guard                | 1    |
| 118      | Step Bolt            | 4    |
| 119      | Caster Case          | 2    |
| 120      | Caster Bearing       | 2    |
| 121      | Swivel Caster        | 2    |
| 122      | Caster Assembly      | 2    |
| 122-1    | Bracket Bolt         | 8    |
| 123      | Cylinder Body Bolt   | 4    |
| 124      | Frame                | 2    |
| 125      | Frame Pin            | 1    |
| 126      | Frame Pin            | 1    |
| 127      | Frame Cover          | 1    |
| 128      | Lift Arm Assembly    | 1    |
| 129      | Arm Pin              | 1    |
| 130      | Leveling Link Screw  | 2    |
| 131      | Arm Spring           | 2    |
| 132      | Leveling Link        | 2    |
| 133      | Saddle Base Pin (S)  | 1    |
| 134      | Saddle Base Pin (L)  | 1    |
| 135      | Frame Pin            | 1    |
| 136      | Rod Head             | 1    |
| 137      | Retaining Ring       | 2    |
| 138      | Rod Band             | 2    |
| 139      | Rod Band Pin         | 1    |
| 140      | Front Wheel Pin      | 1    |
| 141      | Front Wheel Nut      | 2    |
| 142      | Front Wheel Washer   | 2    |
| 143      | Cotter Pin           | 2    |
| 144      | Front Wheel          | 2    |
| 145      | Saddle Base          | 1    |
| 146      | Saddle               | 1    |
| 147      | Saddle Stop Bolt     | 1    |
| 150      | Handle Release Pedal | 1    |





# GRAY'S FSJ-3

## 3 TON FLOOR SERVICE JACK

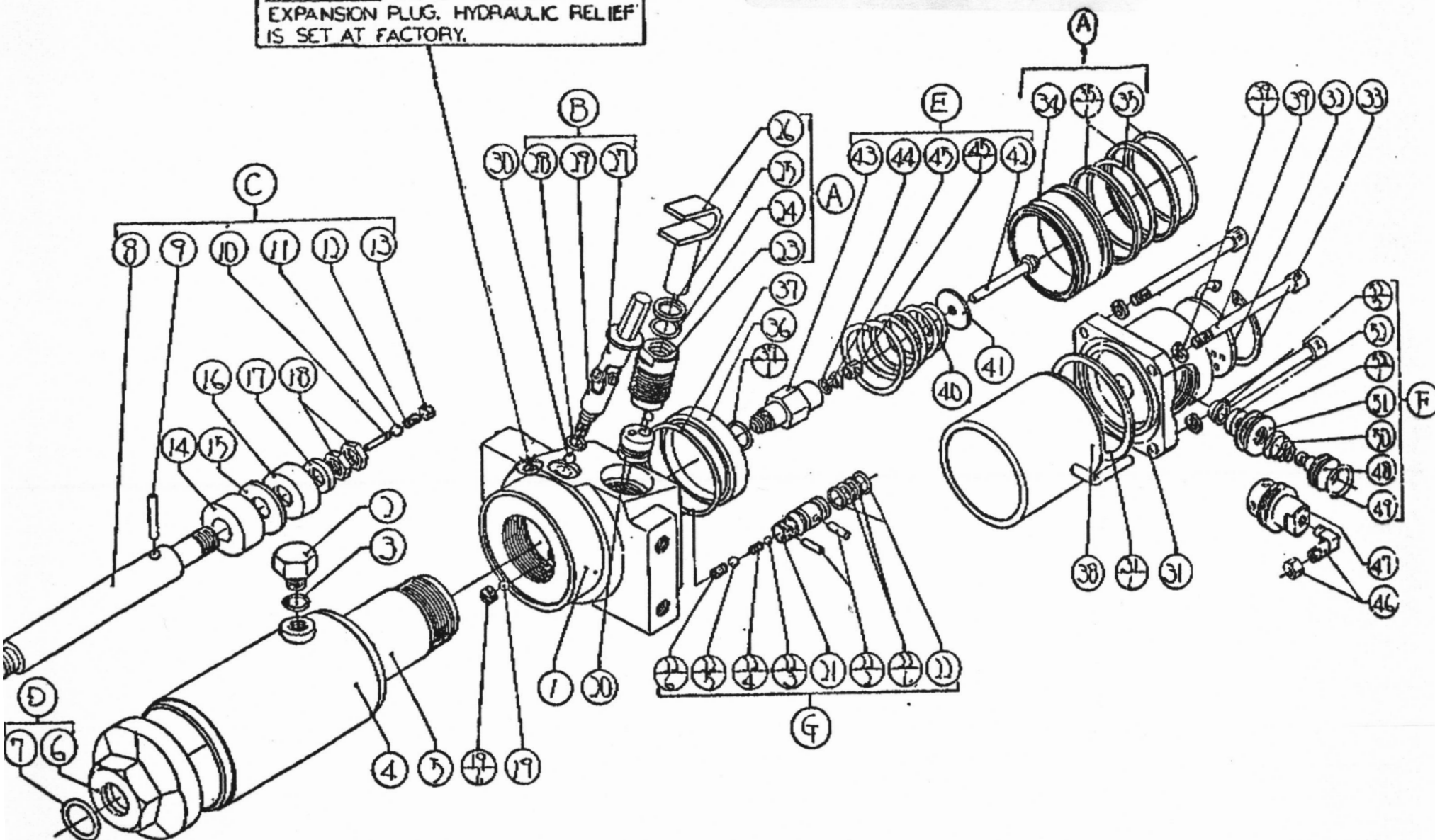
### PARTS LIST



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**WARNING:** DONOT TAMPER WITH  
EXPANSION PLUG. HYDRAULIC RELIEF  
IS SET AT FACTORY.





# GRAY'S FSJ-3

## 3 TON FLOOR SERVICE JACK

### PARTS LIST

| Part No. | Description              | Qty. | Part No. | Description                       | Qty. |
|----------|--------------------------|------|----------|-----------------------------------|------|
| 1        | Cylinder Body            | 1    | 26       | Pump Plunger                      | 1    |
| 2        | Fill/Vent Plug           | 1    | 27       | Joint                             | 1    |
| 3        | Fill/Vent Plug O-Ring    | 1    | 28       | Release Valve O-Ring              | 1    |
| 4        | Reservoir                | 1    | 29       | Release Valve                     | 1    |
| 5        | Cylinder End Cap         | 1    | 30       | Release Valve Ball                | 1    |
| 6        | End Cap                  | 1    | 31       | Air Cylinder Head                 | 1    |
| 8        | Rod                      | 1    | 31-1     | Guide Seal                        | 1    |
| 9        | By Pass Pin (L)          | 1    | 32       | Air Cover                         | 1    |
| 10       | By Pass Pin (S)          | 1    | 33       | Stop Ring                         | 1    |
| 11       | Control Valve Ball       | 1    | 34       | Air Piston                        | 1    |
| 12       | Control Valve Spring     | 1    | 35       | Air Piston O-Ring                 | 2    |
| 13       | Brass Control Valve Bolt | 1    | 35-1     | Piston Ring                       | 2    |
| 14       | Rod Piston               | 1    | 36       | Oil Catch Ring                    | 1    |
| 15       | Nylon Back Up Ring       | 1    | 37       | Oil Ring                          | 1    |
| 16       | Rod Seal                 | 1    | 37-1     | Oil Stop O-Ring                   | 1    |
| 17       | Seal Collar              | 1    | 38       | Air Cylinder                      | 1    |
| 18       | Nut                      | 2    | 39       | Socket Head Capscrews             | 4    |
| 19       | Check Ball               | 1    | 39-1     | Lock Washers                      | 4    |
| 19-1     | Check Ball Screw         | 1    | 40       | Piston Spring                     | 1    |
| 20       | Brass Valve              | 1    | 41       | Retainer                          | 1    |
| 21       | Valve Chamber            | 1    | 42       | Oil Pump Plunger                  | 1    |
| 22       | Chamber O-Ring           | 2    | 43       | Oil Pump Sleeve                   | 1    |
| 22-1     | Chamber Back Up          | 2    | 44       | Oil Pump O-Ring with Backup Ring  | 1    |
| 22-2     | Plate Spring             | 2    | 45       | Specific Packing with Backup Ring | 1    |
| 22-3     | Ball                     | 1    | 45-1     | Nut Oil Pump Guide                | 1    |
| 22-4     | Taper Spring             | 1    | 46       | Elbow                             | 1    |
| 22-5     | Ball                     | 1    | 47       | Valve Guide                       | 1    |
| 22-6     | Spring                   | 1    | 48       | Valve Stem                        | 1    |
| 23       | Pump Sleeve              | 1    | 49       | O-Ring Valve                      | 1    |
| 24       | Plunger O-Ring           | 1    | 50       | Spring                            | 1    |
| 25       | Plunger Back Up Ring     | 1    | 51       | Guide Collar                      | 1    |
|          |                          |      | 52       | Valve Packing                     | 1    |
|          |                          |      | 52-1     | Guide Seal                        | 1    |
|          |                          |      | 52-2     | Brass Bushing                     | 1    |

**Handwritten Annotations:**

- ROD ASSY:** Circled 'C' next to parts 10, 11, 12, 13, 14, 15, 16, 17.
- CHAMBER ASSY:** Circled 'G' next to parts 21, 22, 22-1, 22-2, 22-3, 22-4, 22-5, 22-6.
- RELEASE VALVE ASSY:** Circled 'B' next to parts 28, 29, 30.
- PISTON ASSY:** Circled 'A' next to parts 34, 35, 35-1.
- AIR PUMP ASSY:** Circled 'E' next to parts 42, 43, 44, 45, 45-1.
- AIR VALVE ASSY:** Circled 'F' next to parts 48, 49, 50, 51, 52, 52-1, 52-2.



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