

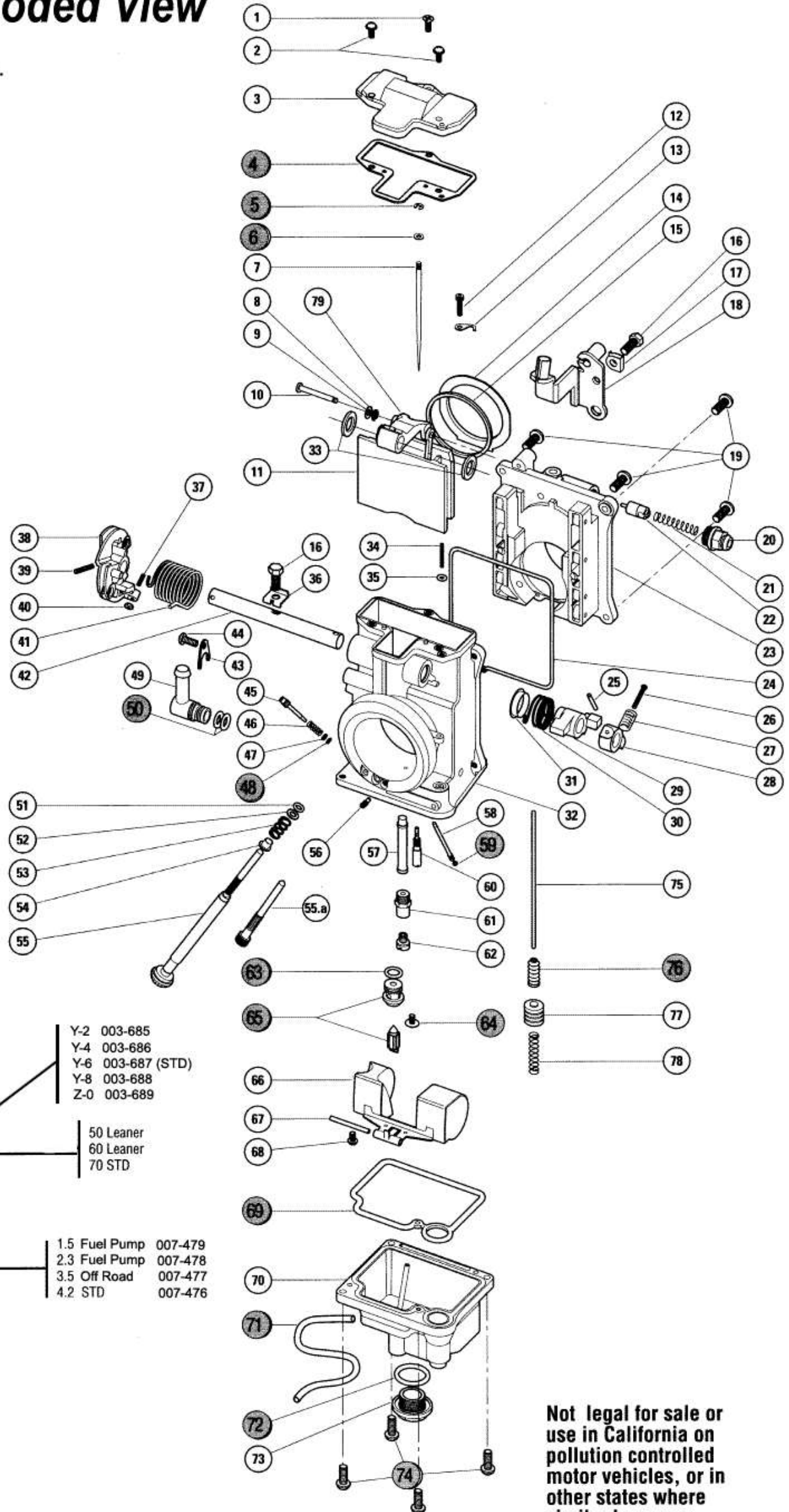
HSR 42/45 Exploded View

HSR 42/45 REBUILD KIT (KHS-016) 002-989
PART NUMBERS CIRCLED ARE INCLUDED IN REBUILD KIT.

(not all parts listed are available)

Exploded view of HSR series Harley smoothbore carbs HSR42 & HSR45 for racing applications.

no.	part no.	description	
1.	C5-0410B	Screw, Top Cover (flathead)	007-624
2.	CW2-0414B	Screw, Top Cover	002-522
3.			
4.	TM42-04	Gasket, Top Cover	007-480
5.	BS32/126	E-Ring, Jet Needle	002-455
6.	826-03002	Washer, Needle Clip	007-267
7.	J8-8DDY01-96	Jet Needle	007-081
8.	B401/56	E-Ring	007-616
9.	B401/10	Packing, Link Lever	002-629
10.			
11.	TM42/08	Throttle Valve	007-432
12.	739-13001	Screw, Needle Retainer Clip	007-123
13.	TM42/16	Clip, Needle Retainer	007-671
14.			
15.	TM42/10	Seal, Throttle Valve	007-670
16.	TM40/89	Bolt	007-669
17.	TM42/38	Plate, Lock Tab	007-675
18.	TM42/34A	Bracket, Cable	007-294
19.			
20.	640-12001	Guide Holder (Starter)	007-161
21.	VM14/241	Spring, Starter Plunger	007-678
22.	N189-192	Starter Plunger	007-635
23.			
24.	616-94029	Seal, Spigot Body	007-473
25.	BN38/43	Pin, A/P Lever	007-617
26.	MC-0316-B	Screw, A/P Adjuster	007-193
27.	M12/46-BB	Spring, A/P Adjuster	007-629
28.			
29.			
30.			
31.			
32.			
33.			
34.			
35.	B30/205	O-Ring, A/P Screw	007-188
36.			
37.			
38.	TM42/20	Lever Assy, Throttle	007-673
39.	N138.019	Pin, Throttle Lever	007-171
40.	N3-04	Nut, Throttle Stop Screw	007-637
41.	TM42/19	Spring, Throttle Return	007-672
42.			
43.			
44.			
45.	VM20/584	Screw, Pilot Air Adjusting	002-850
46.	N133.206	Spring, Pilot Air Screw	007-137
47.	VM12/205	Washer, Pilot Air Screw	007-482
48.	N133.037	O-Ring, Pilot Air Screw	002-858
49.	TM40/27	Fuel Joint	007-667
50.	KV/10	O-Ring, Fuel Joint	002-709
51.	B30/398	Packing, Idle Adjuster	007-614
52.	VM22/138	Washer, Idle Adjuster (Steel)	007-680
53.	730-09018	Spring, Idle Adjuster	007-603
54.	925-15001	Ring, Idle Adjuster (Brass)	007-612
55.	TM42/32	Idle Adjuster Assembly (Long)	007-674
55a.	999-606-006	Idle Adjuster Screw (Short)	007-484
56.	BS30/97-00	Air Jet (Blank)	003-687
57.	784-430000-Y-6	Needle Jet (723 Series)	007-487
58.	TM42/11-70	Nozzle, Accelerator Pump	007-163
59.	N124.063	O-Ring, A/P	004-034
60.	VM28/486-30	Pilot Jet (STD. size=#30)	004-204
61.			
62.	N100.604-160	Main Jet (STD. size=#160)	007-470
63.	616-3303	O-Ring, N.V.	007-174
64.	VM13/216	Screw with Washer, N.V. Retainer	007-476
65.	786-27001-4.2	Needle Valve Assembly w/ O-Ring	007-497
66.	859-32027	Float Assembly	002-107
67.	BV26/22	Pin, Float	007-620
68.	C2-0410	Screw, Float Bowl (4)	007-500
69.	616-94028	Packing, Float Bowl	007-630
70.	TM42/05	Float Bowl	002-531
71.	N122.028	Hose, Overflow	007-646
72.	VM28/254	O-Ring, Drain Plug	007-201
73.	TM32/41	Drain Plug	007-191
74.	C2-0412-B	Screw, Float Bowl (4)	007-195
75.	TM36/44-1A	Rod, A/P	007-198
76.	TM36/64	Boot, A/P	007-200
77.	TM36/60	Plunger, A/P	
78.	VM14SC13/89	Spring, A/P	
79.			



Y-2 003-685
Y-4 003-686
Y-6 003-687 (STD)
Y-8 003-688
Z-0 003-689

50 Leaner
60 Leaner
70 STD

1.5 Fuel Pump 007-479
2.3 Fuel Pump 007-478
3.5 Off Road 007-477
4.2 STD 007-476

Not legal for sale or use in California on pollution controlled motor vehicles, or in other states where similar laws may apply.

*Denotes Parts for HSR45 that have different part numbers than shown for HSR42. Further, jetting components for HSR45 (such as main jet, pilot jet, jet needle, needle jet, etc.) may be different from those in HSR42.