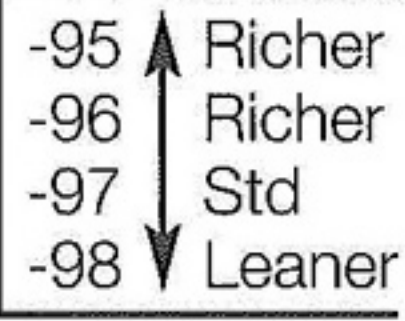


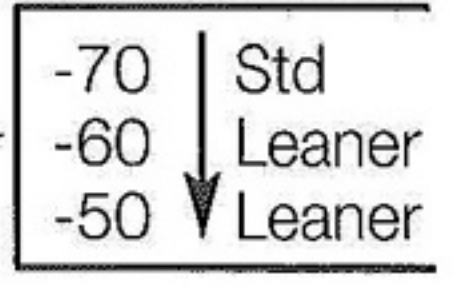
## Rebuild Kit: KHS-016

**Bold part numbers are included in kit**

#	PART NO.	DESCRIPTION
1.	C5=0410-B	Screw, Top Cover (HSR42/45)
1a.	KHS-028/05	Screw, Top Cover (HSR48)
2.	CW2=0414-B	Screw, Top Cover (HSR42/45/48)
3.	776-39005	Top Cover (42/45)
3a.	HS42/081	Top Cover (HSR48)
4.	<b>TM42/04</b>	<b>Gasket, Top Cover</b>
5.	<b>BS32/126</b>	<b>E-Ring, Jet Needle</b>
6.	<b>826-03002</b>	<b>Washer, Jet Needle</b>
7.	J8-8DDY01-97	Jet Needle (42)
7a.	J8-8CFY02-97	Jet Needle (45)
7b.	J8-8CFY15-97	Jet Needle (48)
8.	TM42/03	Lever, T.V. (42/45)
8a.	TM42/08-1A	Lever, T.V. (HSR48)
9.	B40I/56	E-Ring, Link Lever
10.	B40I/10	Packing, Link Lever
11.	834-23041	Pin, Link Lever
12.	TM42/08-3.0	Throttle Valve (Slide)
13.	739-13002	Screw, Needle Retainer
14.	TM42/16	Clip, Needle Retainer
15.	TM42/13	Sealing Ring, T.V. (42/45)
15a.	TM48/04	Sealing Ring, T.V. (48)
16.	<b>TM42/10</b>	<b>Seal, Throttle Valve</b>
17.	925-98006	Pulley, Cable Bracket
18.	53974	E-Ring, Cable Bracket
19.	TM42/51	Bracket Ass'y, Cable
19a.	TM42/53	Bracket Ass'y, Sportster
20.	B3=0520-B	Bolt, Bracket
21.	VM28/204	Spacer, Bracket
22.	TM42/38	Plate, Lock Tab
23.	C2=0514-B	Screw
24.	640-12001	Starter Nut, Choke
25.	VM14/241	Spring, Starter Plunger
26.	N189.192	Starter Plunger
27.	<del>TM42/06</del>	Body (HSR42/45)
27a.	<del>TM48/02</del>	Body (HSR48)
28.	616-94029	Seal, Spigot Body
29.	<del>925-19011</del>	Ring (Steel)
30.	TM42/43	Lever, A/P
31.	N138.019	Pin, Throttle Lever
32.	TM42/48	Lever, Throttle
33.	M12F/46-BB	Spring, A/P
34.	MC-0316-B	Screw, A/P
35.	TM42/47	Spring, A/P
36.	<del>TM42SS1/01-0</del>	Mixing Body (42/45)
36a.	<del>TM48SS1/01</del>	Mixing Body (48)
37.	B36/95	Packing, Shaft (Plastic)
38.	TM42/36	Adjusting Screw, A/P
39.	B30/205	O-Ring, A/P Screw
40.	TM40/89	Bolt
40a.	TM42/17	Plate, Lock Tab for Shaft
41.	BN38/43	Pin, Return Lever
42.	TM42/46	Lever, Return
43.	B30/1069	Adjusting Screw, Throttle
44.	N3=04	Nut, Throttle Stop
45.	TM42/19	Spring, Throttle Return
46.	700-15012	Shaft, Throttle
47.	<del>TM42/15</del>	Plate, Fuel Joint Retainer
48.	C2=0410	Screw, Fuel Joint
49.	604-26014	Screw, Pilot Air
50.	N133.206	Spring, Pilot Air
51.	VM12/205	Washer, Pilot Air



52.	<b>N133.037</b>	<b>O-Ring, Pilot Air</b>
53.	TM40/27	Fuel Joint
54.	<b>KV/10</b>	<b>O-Ring, Fuel Joint</b>
55.	B30/398	Packing, Idle Adjuster
56.	VM22/138	Washer, Idle Adjuster
57.	730-09018	Spring, Idle Adjuster
58.	925-15001	Ring, Idle Adjuster
59.	TM42/32	Idle Adjuster (Long)
59a.	990-605-065	Idle Adjuster (Short)
60.	BS30/97-00	Air Jet (Blank)
61.	784-430000-Y-6	Needle Jet (723)
62.	TM42/11-70	Nozzle, Accel, Pump →
63.	<b>N124.063</b>	<b>O-Ring, A/P</b>
64.	VM28/486-25	Pilot Jet (Sportster - 20)
65.	TM42/12	Extender, Main Jet (42/45)
65a.	TM42/12-1A	Extender, Main Jet (48)
66.	N100.604-160	Main Jet (45-175, 48-190)
67.	<b>616-33003</b>	<b>O-Ring N.V.</b>
68.	<b>VM13/216</b>	<b>Screw, N.V. Retainer</b>
69.	<b>786-27001-4.2</b>	<b>Needle Valve Assbly (42/45)</b>
69a.	<b>786-27002-1A-4.5</b>	<b>Needle Valve Assbly (48)</b>
70.	859-32027	Float Ass'y
71.	BV26/22	Pin, Float
72.	C2=0410	Screw, Float Pin
73.	<b>616-94028</b>	<b>Packing, Float Bowl</b>
74.	TM42/05	Float, Chamber Body
75.	<b>N122.028</b>	<b>Hose, Overflow</b>
76.	<b>VM28/254</b>	<b>O-Ring, Drain Plug</b>
77.	TM32/41	Drain plug (42/45)
77a.	TM32/41-1D	Drain plug (48)
78.	<b>C2=0412-B</b>	<b>Screw, Flt Bowl, short</b>
79.	TM36/44-1A	Rod, A/P
80.	<b>TM36/64</b>	<b>Boot, A/P Rod</b>
81.	TM36/60	Plunger, A/P
82.	VM14SC13/89	Spring, A/P
83.	N198.063	Rubber Cap, Purge Port
84.	990-662-002	Choke Cable
85.	TM29/31	Pull Choke Assembly
86.	BVK28/128	Clip, Rubber Cap



### Alternate Parts

#### Jet Needles:

HSR42	HSR45	HSR48	
J8-8DDY01-95	J8-8CFY02-95	J8-8CFY15-95	Richer
J8-8DDY01-96	J8-8CFY02-96	J8-8CFY15-96	Richer
J8-8DDY01-97	J8-8CFY02-97	J8-8CFY15-97	Std
J8-8DDY01-98	J8-8CFY02-98	J8-8CFY15-98	Leaner

#### Accelerator Pump Nozzles:

TM42/11-70	Std
TM42/11-60	Leaner
TM42/11-50	Leaner

#### Needle Valve Assemblies:

786-27002-1A-4.5	Std (HSR48)
786-27001-4.2	Std (HSR42/45)
786-27001-3.5	Smaller
786-27001-2.3	Pressure feed only

#### Rebuild Kit:

HSR42/45:	KHS-016
HSR48:	KHS-031

#### NOTES:

1. — Lined through Part Numbers are not available.
2. Parts in **Bold** are included in Rebuild Kits.