

DWT6 10'-23000 COMPARTMENT
23,354 Gallons

06/22/2023

DIPSTICK (in)	VOLUME (gal)	DIPSTICK (in)	VOLUME (gal)	DIPSTICK (in)	VOLUME (gal)	DIPSTICK (in)	VOLUME (gal)	DIPSTICK (in)	VOLUME (gal)
1/8	7	6 1/8	436	12 1/8	1,184	18 1/8	2,142	24 1/8	3,261
1/4	11	6 1/4	449	12 1/4	1,202	18 1/4	2,164	24 1/4	3,286
3/8	15	6 3/8	462	12 3/8	1,220	18 3/8	2,186	24 3/8	3,311
1/2	19	6 1/2	475	12 1/2	1,238	18 1/2	2,208	24 1/2	3,336
5/8	24	6 5/8	488	12 5/8	1,256	18 5/8	2,230	24 5/8	3,360
3/4	28	6 3/4	502	12 3/4	1,275	18 3/4	2,252	24 3/4	3,385
7/8	34	6 7/8	515	12 7/8	1,293	18 7/8	2,274	24 7/8	3,410
1	39	7	529	13	1,312	19	2,296	25	3,436
1 1/8	45	7 1/8	543	13 1/8	1,330	19 1/8	2,318	25 1/8	3,461
1 1/4	51	7 1/4	557	13 1/4	1,349	19 1/4	2,341	25 1/4	3,486
1 3/8	57	7 3/8	571	13 3/8	1,368	19 3/8	2,363	25 3/8	3,511
1 1/2	64	7 1/2	585	13 1/2	1,387	19 1/2	2,386	25 1/2	3,536
1 5/8	70	7 5/8	599	13 5/8	1,406	19 5/8	2,408	25 5/8	3,562
1 3/4	77	7 3/4	614	13 3/4	1,425	19 3/4	2,431	25 3/4	3,587
1 7/8	85	7 7/8	628	13 7/8	1,444	19 7/8	2,454	25 7/8	3,613
2	92	8	643	14	1,463	20	2,476	26	3,638
2 1/8	100	8 1/8	657	14 1/8	1,483	20 1/8	2,499	26 1/8	3,664
2 1/4	108	8 1/4	672	14 1/4	1,502	20 1/4	2,522	26 1/4	3,689
2 3/8	116	8 3/8	687	14 3/8	1,522	20 3/8	2,545	26 3/8	3,715
2 1/2	124	8 1/2	702	14 1/2	1,541	20 1/2	2,568	26 1/2	3,741
2 5/8	132	8 5/8	718	14 5/8	1,561	20 5/8	2,591	26 5/8	3,766
2 3/4	141	8 3/4	733	14 3/4	1,581	20 3/4	2,614	26 3/4	3,792
2 7/8	150	8 7/8	748	14 7/8	1,600	20 7/8	2,637	26 7/8	3,818
3	159	9	764	15	1,620	21	2,661	27	3,844
3 1/8	168	9 1/8	779	15 1/8	1,640	21 1/8	2,684	27 1/8	3,870
3 1/4	177	9 1/4	795	15 1/4	1,660	21 1/4	2,707	27 1/4	3,896
3 3/8	187	9 3/8	811	15 3/8	1,680	21 3/8	2,731	27 3/8	3,922
3 1/2	197	9 1/2	827	15 1/2	1,701	21 1/2	2,754	27 1/2	3,948
3 5/8	207	9 5/8	843	15 5/8	1,721	21 5/8	2,778	27 5/8	3,974
3 3/4	217	9 3/4	859	15 3/4	1,741	21 3/4	2,801	27 3/4	4,000
3 7/8	227	9 7/8	875	15 7/8	1,762	21 7/8	2,825	27 7/8	4,027
4	237	10	891	16	1,782	22	2,849	28	4,053
4 1/8	248	10 1/8	908	16 1/8	1,803	22 1/8	2,873	28 1/8	4,079
4 1/4	258	10 1/4	924	16 1/4	1,823	22 1/4	2,896	28 1/4	4,106
4 3/8	269	10 3/8	941	16 3/8	1,844	22 3/8	2,920	28 3/8	4,132
4 1/2	280	10 1/2	958	16 1/2	1,865	22 1/2	2,944	28 1/2	4,158
4 5/8	291	10 5/8	974	16 5/8	1,886	22 5/8	2,968	28 5/8	4,185
4 3/4	303	10 3/4	991	16 3/4	1,907	22 3/4	2,992	28 3/4	4,211
4 7/8	314	10 7/8	1,008	16 7/8	1,928	22 7/8	3,017	28 7/8	4,238
5	326	11	1,026	17	1,949	23	3,041	29	4,265
5 1/8	337	11 1/8	1,043	17 1/8	1,970	23 1/8	3,065	29 1/8	4,291
5 1/4	349	11 1/4	1,060	17 1/4	1,991	23 1/4	3,089	29 1/4	4,318
5 3/8	361	11 3/8	1,077	17 3/8	2,013	23 3/8	3,114	29 3/8	4,345
5 1/2	373	11 1/2	1,095	17 1/2	2,034	23 1/2	3,138	29 1/2	4,372
5 5/8	386	11 5/8	1,112	17 5/8	2,056	23 5/8	3,163	29 5/8	4,399
5 3/4	398	11 3/4	1,130	17 3/4	2,077	23 3/4	3,187	29 3/4	4,426
5 7/8	411	11 7/8	1,148	17 7/8	2,099	23 7/8	3,212	29 7/8	4,453
6	423	12	1,166	18	2,120	24	3,236	30	4,480

DWT6 10'-23000 COMPARTMENT
23,354 Gallons

06/22/2023

DIPSTICK (in)	VOLUME (gal)	DIPSTICK (in)	VOLUME (gal)	DIPSTICK (in)	VOLUME (gal)	DIPSTICK (in)	VOLUME (gal)	DIPSTICK (in)	VOLUME (gal)
30 1/8	4,507	36 1/8	5,851	42 1/8	7,272	48 1/8	8,748	54 1/8	10,260
30 1/4	4,534	36 1/4	5,880	42 1/4	7,303	48 1/4	8,780	54 1/4	10,292
30 3/8	4,561	36 3/8	5,909	42 3/8	7,333	48 3/8	8,811	54 3/8	10,324
30 1/2	4,588	36 1/2	5,938	42 1/2	7,363	48 1/2	8,842	54 1/2	10,355
30 5/8	4,615	36 5/8	5,967	42 5/8	7,393	48 5/8	8,873	54 5/8	10,387
30 3/4	4,642	36 3/4	5,996	42 3/4	7,424	48 3/4	8,904	54 3/4	10,419
30 7/8	4,670	36 7/8	6,025	42 7/8	7,454	48 7/8	8,936	54 7/8	10,451
31	4,697	37	6,054	43	7,485	49	8,967	55	10,482
31 1/8	4,724	37 1/8	6,083	43 1/8	7,515	49 1/8	8,998	55 1/8	10,514
31 1/4	4,752	37 1/4	6,113	43 1/4	7,545	49 1/4	9,030	55 1/4	10,546
31 3/8	4,779	37 3/8	6,142	43 3/8	7,576	49 3/8	9,061	55 3/8	10,578
31 1/2	4,807	37 1/2	6,171	43 1/2	7,606	49 1/2	9,092	55 1/2	10,610
31 5/8	4,834	37 5/8	6,200	43 5/8	7,637	49 5/8	9,124	55 5/8	10,641
31 3/4	4,862	37 3/4	6,230	43 3/4	7,667	49 3/4	9,155	55 3/4	10,673
31 7/8	4,890	37 7/8	6,259	43 7/8	7,698	49 7/8	9,186	55 7/8	10,705
32	4,917	38	6,288	44	7,729	50	9,218	56	10,737
32 1/8	4,945	38 1/8	6,318	44 1/8	7,759	50 1/8	9,249	56 1/8	10,769
32 1/4	4,973	38 1/4	6,347	44 1/4	7,790	50 1/4	9,281	56 1/4	10,801
32 3/8	5,001	38 3/8	6,376	44 3/8	7,820	50 3/8	9,312	56 3/8	10,832
32 1/2	5,028	38 1/2	6,406	44 1/2	7,851	50 1/2	9,344	56 1/2	10,864
32 5/8	5,056	38 5/8	6,435	44 5/8	7,882	50 5/8	9,375	56 5/8	10,896
32 3/4	5,084	38 3/4	6,465	44 3/4	7,912	50 3/4	9,406	56 3/4	10,928
32 7/8	5,112	38 7/8	6,494	44 7/8	7,943	50 7/8	9,438	56 7/8	10,960
33	5,140	39	6,524	45	7,974	51	9,469	57	10,992
33 1/8	5,168	39 1/8	6,554	45 1/8	8,005	51 1/8	9,501	57 1/8	11,024
33 1/4	5,196	39 1/4	6,583	45 1/4	8,035	51 1/4	9,532	57 1/4	11,055
33 3/8	5,224	39 3/8	6,613	45 3/8	8,066	51 3/8	9,564	57 3/8	11,087
33 1/2	5,252	39 1/2	6,643	45 1/2	8,097	51 1/2	9,596	57 1/2	11,119
33 5/8	5,281	39 5/8	6,672	45 5/8	8,128	51 5/8	9,627	57 5/8	11,151
33 3/4	5,309	39 3/4	6,702	45 3/4	8,159	51 3/4	9,659	57 3/4	11,183
33 7/8	5,337	39 7/8	6,732	45 7/8	8,190	51 7/8	9,690	57 7/8	11,215
34	5,365	40	6,762	46	8,221	52	9,722	58	11,247
34 1/8	5,394	40 1/8	6,792	46 1/8	8,251	52 1/8	9,753	58 1/8	11,279
34 1/4	5,422	40 1/4	6,821	46 1/4	8,282	52 1/4	9,785	58 1/4	11,310
34 3/8	5,450	40 3/8	6,851	46 3/8	8,313	52 3/8	9,817	58 3/8	11,342
34 1/2	5,479	40 1/2	6,881	46 1/2	8,344	52 1/2	9,848	58 1/2	11,374
34 5/8	5,507	40 5/8	6,911	46 5/8	8,375	52 5/8	9,880	58 5/8	11,406
34 3/4	5,536	40 3/4	6,941	46 3/4	8,406	52 3/4	9,912	58 3/4	11,438
34 7/8	5,564	40 7/8	6,971	46 7/8	8,437	52 7/8	9,943	58 7/8	11,470
35	5,593	41	7,001	47	8,468	53	9,975	59	11,502
35 1/8	5,621	41 1/8	7,031	47 1/8	8,499	53 1/8	10,007	59 1/8	11,534
35 1/4	5,650	41 1/4	7,061	47 1/4	8,530	53 1/4	10,038	59 1/4	11,566
35 3/8	5,679	41 3/8	7,091	47 3/8	8,562	53 3/8	10,070	59 3/8	11,598
35 1/2	5,707	41 1/2	7,121	47 1/2	8,593	53 1/2	10,102	59 1/2	11,629
35 5/8	5,736	41 5/8	7,151	47 5/8	8,624	53 5/8	10,133	59 5/8	11,661
35 3/4	5,765	41 3/4	7,182	47 3/4	8,655	53 3/4	10,165	59 3/4	11,693
35 7/8	5,794	41 7/8	7,212	47 7/8	8,686	53 7/8	10,197	59 7/8	11,725
36	5,823	42	7,242	48	8,717	54	10,228	60	11,757

DWT6 10'-23000 COMPARTMENT
23,354 Gallons

06/22/2023

DIPSTICK (in)	VOLUME (gal)	DIPSTICK (in)	VOLUME (gal)	DIPSTICK (in)	VOLUME (gal)	DIPSTICK (in)	VOLUME (gal)	DIPSTICK (in)	VOLUME (gal)
60 1/8	11,789	66 1/8	13,316	72 1/8	14,824	78 1/8	16,293	84 1/8	17,705
60 1/4	11,821	66 1/4	13,348	72 1/4	14,855	78 1/4	16,323	84 1/4	17,733
60 3/8	11,853	66 3/8	13,380	72 3/8	14,886	78 3/8	16,354	84 3/8	17,762
60 1/2	11,885	66 1/2	13,411	72 1/2	14,917	78 1/2	16,384	84 1/2	17,790
60 5/8	11,917	66 5/8	13,443	72 5/8	14,948	78 5/8	16,414	84 5/8	17,819
60 3/4	11,948	66 3/4	13,475	72 3/4	14,979	78 3/4	16,443	84 3/4	17,847
60 7/8	11,980	66 7/8	13,506	72 7/8	15,010	78 7/8	16,473	84 7/8	17,876
61	12,012	67	13,538	73	15,041	79	16,503	85	17,904
61 1/8	12,044	67 1/8	13,570	73 1/8	15,072	79 1/8	16,533	85 1/8	17,933
61 1/4	12,076	67 1/4	13,601	73 1/4	15,103	79 1/4	16,563	85 1/4	17,961
61 3/8	12,108	67 3/8	13,633	73 3/8	15,134	79 3/8	16,593	85 3/8	17,989
61 1/2	12,140	67 1/2	13,664	73 1/2	15,165	79 1/2	16,623	85 1/2	18,018
61 5/8	12,172	67 5/8	13,696	73 5/8	15,196	79 5/8	16,652	85 5/8	18,046
61 3/4	12,204	67 3/4	13,727	73 3/4	15,227	79 3/4	16,682	85 3/4	18,074
61 7/8	12,235	67 7/8	13,759	73 7/8	15,257	79 7/8	16,712	85 7/8	18,102
62	12,267	68	13,791	74	15,288	80	16,742	86	18,130
62 1/8	12,299	68 1/8	13,822	74 1/8	15,319	80 1/8	16,771	86 1/8	18,158
62 1/4	12,331	68 1/4	13,854	74 1/4	15,350	80 1/4	16,801	86 1/4	18,186
62 3/8	12,363	68 3/8	13,885	74 3/8	15,381	80 3/8	16,830	86 3/8	18,214
62 1/2	12,395	68 1/2	13,917	74 1/2	15,411	80 1/2	16,860	86 1/2	18,242
62 5/8	12,427	68 5/8	13,948	74 5/8	15,442	80 5/8	16,890	86 5/8	18,270
62 3/4	12,458	68 3/4	13,980	74 3/4	15,473	80 3/4	16,919	86 3/4	18,298
62 7/8	12,490	68 7/8	14,011	74 7/8	15,503	80 7/8	16,949	86 7/8	18,326
63	12,522	69	14,042	75	15,534	81	16,978	87	18,354
63 1/8	12,554	69 1/8	14,074	75 1/8	15,565	81 1/8	17,008	87 1/8	18,382
63 1/4	12,586	69 1/4	14,105	75 1/4	15,595	81 1/4	17,037	87 1/4	18,410
63 3/8	12,618	69 3/8	14,137	75 3/8	15,626	81 3/8	17,066	87 3/8	18,437
63 1/2	12,649	69 1/2	14,168	75 1/2	15,657	81 1/2	17,096	87 1/2	18,465
63 5/8	12,681	69 5/8	14,199	75 5/8	15,687	81 5/8	17,125	87 5/8	18,493
63 3/4	12,713	69 3/4	14,231	75 3/4	15,718	81 3/4	17,154	87 3/4	18,520
63 7/8	12,745	69 7/8	14,262	75 7/8	15,748	81 7/8	17,183	87 7/8	18,548
64	12,777	70	14,294	76	15,779	82	17,213	88	18,575
64 1/8	12,809	70 1/8	14,325	76 1/8	15,809	82 1/8	17,242	88 1/8	18,603
64 1/4	12,840	70 1/4	14,356	76 1/4	15,840	82 1/4	17,271	88 1/4	18,630
64 3/8	12,872	70 3/8	14,387	76 3/8	15,870	82 3/8	17,300	88 3/8	18,657
64 1/2	12,904	70 1/2	14,419	76 1/2	15,900	82 1/2	17,329	88 1/2	18,685
64 5/8	12,936	70 5/8	14,450	76 5/8	15,931	82 5/8	17,358	88 5/8	18,712
64 3/4	12,967	70 3/4	14,481	76 3/4	15,961	82 3/4	17,387	88 3/4	18,739
64 7/8	12,999	70 7/8	14,513	76 7/8	15,991	82 7/8	17,416	88 7/8	18,767
65	13,031	71	14,544	77	16,022	83	17,445	89	18,794
65 1/8	13,063	71 1/8	14,575	77 1/8	16,052	83 1/8	17,474	89 1/8	18,821
65 1/4	13,094	71 1/4	14,606	77 1/4	16,082	83 1/4	17,503	89 1/4	18,848
65 3/8	13,126	71 3/8	14,637	77 3/8	16,113	83 3/8	17,532	89 3/8	18,875
65 1/2	13,158	71 1/2	14,669	77 1/2	16,143	83 1/2	17,561	89 1/2	18,902
65 5/8	13,190	71 5/8	14,700	77 5/8	16,173	83 5/8	17,590	89 5/8	18,929
65 3/4	13,221	71 3/4	14,731	77 3/4	16,203	83 3/4	17,618	89 3/4	18,956
65 7/8	13,253	71 7/8	14,762	77 7/8	16,233	83 7/8	17,647	89 7/8	18,983
66	13,285	72	14,793	78	16,263	84	17,676	90	19,010

DWT6 10'-23000 COMPARTMENT
23,354 Gallons

06/22/2023

DIPSTICK (in)	VOLUME (gal)	DIPSTICK (in)	VOLUME (gal)	DIPSTICK (in)	VOLUME (gal)	DIPSTICK (in)	VOLUME (gal)	DIPSTICK (in)	VOLUME (gal)
90 1/8	19,036	96 1/8	20,265	102 1/8	21,363	108 1/8	22,295	114 1/8	23,005
90 1/4	19,063	96 1/4	20,290	102 1/4	21,384	108 1/4	22,312	114 1/4	23,017
90 3/8	19,090	96 3/8	20,314	102 3/8	21,406	108 3/8	22,329	114 3/8	23,029
90 1/2	19,116	96 1/2	20,338	102 1/2	21,427	108 1/2	22,346	114 1/2	23,040
90 5/8	19,143	96 5/8	20,362	102 5/8	21,448	108 5/8	22,363	114 5/8	23,052
90 3/4	19,170	96 3/4	20,386	102 3/4	21,469	108 3/4	22,380	114 3/4	23,063
90 7/8	19,196	96 7/8	20,410	102 7/8	21,490	108 7/8	22,397	114 7/8	23,074
91	19,223	97	20,434	103	21,510	109	22,414	115	23,085
91 1/8	19,249	97 1/8	20,458	103 1/8	21,531	109 1/8	22,430	115 1/8	23,096
91 1/4	19,275	97 1/4	20,482	103 1/4	21,552	109 1/4	22,447	115 1/4	23,107
91 3/8	19,302	97 3/8	20,506	103 3/8	21,572	109 3/8	22,463	115 3/8	23,117
91 1/2	19,328	97 1/2	20,530	103 1/2	21,593	109 1/2	22,479	115 1/2	23,128
91 5/8	19,354	97 5/8	20,553	103 5/8	21,613	109 5/8	22,496	115 5/8	23,138
91 3/4	19,380	97 3/4	20,577	103 3/4	21,634	109 3/4	22,512	115 3/4	23,148
91 7/8	19,407	97 7/8	20,600	103 7/8	21,654	109 7/8	22,528	115 7/8	23,158
92	19,433	98	20,624	104	21,674	110	22,544	116	23,168
92 1/8	19,459	98 1/8	20,647	104 1/8	21,694	110 1/8	22,560	116 1/8	23,177
92 1/4	19,485	98 1/4	20,671	104 1/4	21,714	110 1/4	22,575	116 1/4	23,186
92 3/8	19,511	98 3/8	20,694	104 3/8	21,734	110 3/8	22,591	116 3/8	23,196
92 1/2	19,537	98 1/2	20,717	104 1/2	21,754	110 1/2	22,606	116 1/2	23,205
92 5/8	19,562	98 5/8	20,740	104 5/8	21,774	110 5/8	22,622	116 5/8	23,213
92 3/4	19,588	98 3/4	20,764	104 3/4	21,794	110 3/4	22,637	116 3/4	23,222
92 7/8	19,614	98 7/8	20,787	104 7/8	21,813	110 7/8	22,652	116 7/8	23,231
93	19,640	99	20,810	105	21,833	111	22,667	117	23,239
93 1/8	19,665	99 1/8	20,833	105 1/8	21,852	111 1/8	22,682	117 1/8	23,247
93 1/4	19,691	99 1/4	20,855	105 1/4	21,872	111 1/4	22,697	117 1/4	23,255
93 3/8	19,716	99 3/8	20,878	105 3/8	21,891	111 3/8	22,712	117 3/8	23,262
93 1/2	19,742	99 1/2	20,901	105 1/2	21,910	111 1/2	22,726	117 1/2	23,270
93 5/8	19,767	99 5/8	20,924	105 5/8	21,930	111 5/8	22,741	117 5/8	23,277
93 3/4	19,793	99 3/4	20,946	105 3/4	21,949	111 3/4	22,755	117 3/4	23,284
93 7/8	19,818	99 7/8	20,969	105 7/8	21,968	111 7/8	22,770	117 7/8	23,291
94	19,843	100	20,991	106	21,987	112	22,784	118	23,297
94 1/8	19,869	100 1/8	21,014	106 1/8	22,005	112 1/8	22,798	118 1/8	23,304
94 1/4	19,894	100 1/4	21,036	106 1/4	22,024	112 1/4	22,812	118 1/4	23,310
94 3/8	19,919	100 3/8	21,058	106 3/8	22,043	112 3/8	22,825	118 3/8	23,315
94 1/2	19,944	100 1/2	21,081	106 1/2	22,061	112 1/2	22,839	118 1/2	23,321
94 5/8	19,969	100 5/8	21,103	106 5/8	22,080	112 5/8	22,853	118 5/8	23,326
94 3/4	19,994	100 3/4	21,125	106 3/4	22,098	112 3/4	22,866	118 3/4	23,331
94 7/8	20,019	100 7/8	21,147	106 7/8	22,116	112 7/8	22,879	118 7/8	23,336
95	20,044	101	21,169	107	22,135	113	22,893	119	23,340
95 1/8	20,069	101 1/8	21,191	107 1/8	22,153	113 1/8	22,906	119 1/8	23,344
95 1/4	20,093	101 1/4	21,212	107 1/4	22,171	113 1/4	22,919	119 1/4	23,347
95 3/8	20,118	101 3/8	21,234	107 3/8	22,189	113 3/8	22,931	119 3/8	23,350
95 1/2	20,143	101 1/2	21,256	107 1/2	22,207	113 1/2	22,944	119 1/2	23,352
95 5/8	20,167	101 5/8	21,277	107 5/8	22,224	113 5/8	22,957	119 5/8	23,354
95 3/4	20,192	101 3/4	21,299	107 3/4	22,242	113 3/4	22,969		
95 7/8	20,216	101 7/8	21,320	107 7/8	22,260	113 7/8	22,981		
96	20,241	102	21,342	108	22,277	114	22,993		

Fiber Glass Systems



HOW TO PROPERLY GAUGE YOUR TANK:

Underground storage tanks require periodic measurement to determine current inventory level. Using the proper methods when gauging your tank's contents will insure the most accurate reading and insure that you do not damage your tank. The following procedure should be followed whenever you use a gauge stick to determine the amount of product that is in your tank:

- 1) Use a wood dipstick with a rubber or nylon tip. Metallic dipsticks are not recommended. This will insure that frequent tank gaugings or an accidental dropping of the gauge stick into the tank will not damage the tank bottom.
- 2) Slowly lower your gauge stick into the fill port until it touches the tank bottom. Never free drop the gauge stick. This can result in inaccurate measurements due to product splashing. Free dropping can also result in gauge stick damage and tank damage.
- 3) Remove your dipstick slowly and read the product level directly from the gauge stick.

Water Paste Detection

To detect water in the tank bottom, water detection paste is available from petroleum equipment distributors. However, some water detection paste cannot detect antifreeze mixtures. If antifreeze mixtures are used for the cavity monitoring fluid, the following product is capable of detecting water or antifreeze (brine or up to 50 percent glycol) solution in the tank water bottoms:

Kolor Kut Water Finding Paste Description - PASTE02 - for Salt and Chloride Solutions
7915 East Elm Street
Houston, TX 77012
Phone (713) 926-4780
E-Mail Sales@KolorKut.com

Caution

Pressurized deliveries are not recommended. If the delivery vehicle uses pumps to fill the tank, install overfill shutoff equipment in the tank and truck to prevent the tank from being overfilled. Overfilling the tank under pressure will damage the tank even if the tank vent is unrestricted.

NOV - Fiber Glass Systems - Containment Solutions™ Tanks

500 Conroe Park Drive West
Conroe, TX 77303
Tel: 936-756-7731
Fax: 936-756-7766

Note: Calibration chart is based on the fluid level above a 5/16" deflector plate.